DOCUMENT RESUME

ED 178 259 RC 011 693

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TITLE The Hired Farm Working Force of 1977.
INSTITUTION Economics, Statistics, and Cooperatives Service (DOA), Washington, D.C.
REPORT NO DOA-AER-437
PUB DATE Oct 79
NOTE 57p.; For a related document, see ED 157 677; Not available in paper copy due to small print size of original document

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS.
DESCRIPTORS Age Differences; *Agricultural Laborers; Blacks; Caucasians; Census Figures; Education; *Employment Patterns; *Employment Statistics; Ethnic Groups; *Farm Labor; Geographic Distribution; Labor Force; Man Days; Mexican Americans; *Migrant Workers; Place of Residence; Seasonal Laborers; Sex Differences; *Socioeconomic Background; Spanish Speaking; Wages; Working Women

ABSTRACT

The report presents data on the demographic, social, and economic characteristics of the approximately 2.7 million persons 14 years old and over who did hired farmwork during 1977. Data, taken from a probability sample survey conducted by the Bureau of the Census as a supplementary part of the December 1977 Current Population Survey, include each State and the District of Columbia, but not Puerto Rico or other U.S. territories. Tabular data present a general overview of the social, economic, regional location, and employment characteristics of hired farmworkers by sex, racial/ethnic group, and duration of farmwork; earnings data by demographic, employment, and regional characteristics; information on daily and annual earnings from total, farm, and nonfarm employment sources; and selected data on migrant farmworkers by the distances they traveled to do farmwork. Pertinent trends over the past decade indicate that the size of the hired farm work force has not changed significantly; the number of Blacks has declined about 46%; the average age of farmworkers declined; and farm employment has increased by 27% in the North Central Region, while decreasing 22% and 13% in the South and West, respectively. The 1977 data indicate that annual earnings of all farmworkers averaged $3,265; 72% of the workers were white, 11% were Hispanics, and 17% were Blacks and others; 56% were under 25 years of age; 77% were male; and 7% were migrants earning an average of $2,263 for an average 97 days of farmwork. (NEC)

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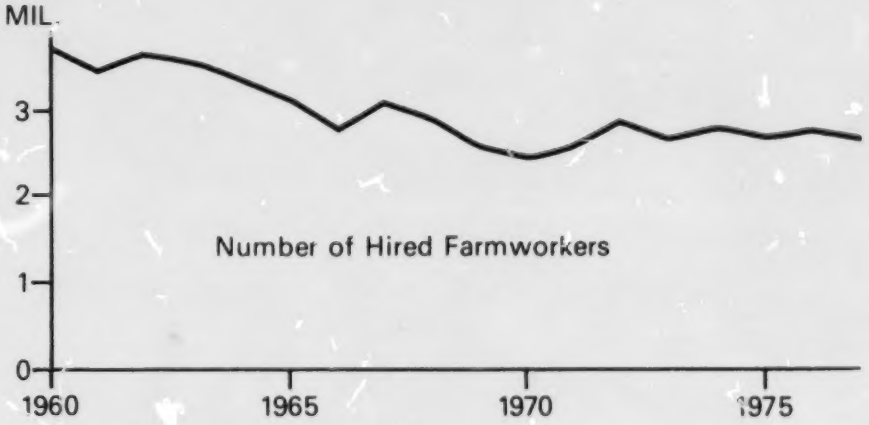
The Hired Farm Working Force of 1977

Gene Rowe



United States Department of Agriculture
Economics, Statistics, and Cooperatives Service

Agricultural Economic Report No. 437

RC 011693

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THE HIRED FARM WORKING FORCE of 1977, by Gene Rowe; Agricultural Statistician; Economic Development Division; Economics, Statistics, and Cooperatives Service; U.S. Department of Agriculture. Agricultural Economic Report No. 437.

ABSTRACT

About 2.7 million persons 14 years of age and over worked on farms for wages and salaries at some time during 1977. The workers were predominately young (56 percent under 25 years) and male (77 percent). The majority (72 percent) were Whites, 11 percent were Hispanics, and 17 percent were Blacks and Others. The median education of the workers 25 years and older was 10.1 years. Annual earnings in 1977 of all hired farmworkers averaged $3,265; $1,913 were earned for an average 93 days of hired farmwork; the remainder came from nonfarm employment. Approximately 191,000 persons (7 percent of the work force) were migrants in 1977.

Key words: Hired labor, agricultural labor, age, sex, wages, employment, education, Census, Standard Federal Regions.

ACKNOWLEDGMENTS

This report was prepared under the general direction of Robert I. Coltrane, Leader, Manpower Studies Program Area, Economic Development Division, ESCS. The author wishes to thank Paul Michaiak of the Demographic Survey Divison, Bureau of the Census for his cooperation in planning the survey and supervising field operations. Appreciation is also extended to Ken King for developing the summary programs, and to Don Dickson, Sigurd Nilsen, and John Zimmer for their critical review and comments.

Washington, D.C. 20250 October 1979

HIGHLIGHTS

About 2.7 million persons 14 years old and over did hired farmwork sometime during 1977, according to the 1977 Hired Farm Work Force Survey conducted for ESCS by the Bureau of the Census. The number of hired farmworkers has changed little since 1972.

The majority of the days worked (70 percent) were accounted for by workers who worked 150 days or more during the year. Persons working 150 days or more comprised only 25 percent of all workers. The workers were predominately young (56 percent under 25 years), male (77 percent), and White (72 percent). The majority did not live on a farm.

Annual earnings in 1977 of all hired farmworkers averaged $3,265. Of this, $1,913 were earned for an average 93 days of hired farmwork. The remainder came from nonfarm employment.

Hispanics and Blacks and Others accounted for 28 percent of the 1977 hired farm working force (756,000 workers). About 61 percent of these workers were Blacks and Others and 39 percent were Hispanics. Minority workers were older than White workers and had been employed in hired farmwork longer.

Approximately 191,000 of the workers (7 percent of the hired farm working force) were migrants in 1977. About 58 percent of these migrants traveled 200 miles or more and 20 percent traveled 1,500 miles or more away from home. The long-distance migrants tended to be Hispanic and Black and Other workers. Annual earnings from farm employment of migrant workers averaged $2,263, for an average 97 days of farmwork.

About one-fourth of the Nation's hired farmworkers were located in the Southeast Standard Federal Region (SFR IV) at the time of the survey in December 1977. Only 14 percent of the migrant workers were located in the Southeast. Another 51 percent of the migrants were located in the Southwest and Lower Pacific Coast regions (SFR VI and IX).

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THE HIRED FARM WORKING FORCE OF 1977

Gene Rowe, Agricultural Statistician

INTRODUCTION

In 1977, 2.7 million persons 14 years of age and over did hired farmwork at sometime during the year. This was the sixth consecutive year that the number of hired farmworkers did not change significantly (table 1).

This report presents data on the demographic, social, and economic characteristics of persons 14 years of age and over who did farmwork for cash wages or salary during 1977. The narrative highlights many of these characteristics and summarizes some of the more pertinent changes and trends in the size, composition, and employment patterns of the hired farm working force. Detailed information is presented in appendix A.

Data in this report are from the annual Hired Farm Working Force Survey conducted for the Economics, Statistics, and Cooperatives Service by the Bureau of the Census as a supplementary part of the December 1977 Current Population Survey (CPS). This sample of households includes each State and the District of Columbia. It does not include Puerto Rico or other U.S. territories and possessions. Approximately 54,000 households were interviewed in December; about 1,740 contained persons who did hired farmwork at some time during 1977. Hired farmworker information obtained from these households was expanded to provide estimates of the total population of hired farmworkers.

The CPS is a probability sample survey and standard errors can be derived for each of the estimates. All statements of comparison appearing in the text, but not necessarily in the tables or figures, are significant at the 90 percent confidence level (1.6 standard errors) or higher unless otherwise indicated. Additional information on the survey coverage and reliability of estimates is presented in appendix B.

The sample size of the CPS was increased from 47,000 to 54,000 interviewed households in 1976. One result of the increase in sample size is a decrease in the relative size of the standard errors of the estimates. This serves to strengthen the degree of confidence that can be placed in the accuracy of these estimates. The standard errors of the data for earlier years may be found in The Hired Farm Working Force reports published in those years.

The tabular part of The Hired Farm Working Force of 1977 contained in appendix A was expanded and reorganized for the 1976 report to provide additional data on the Nation's hired farmworkers. While there are some changes in terminology in the revised tables, the concepts and definitions underlying these terms remain consistent with previous reports. Explanations of terms used in this report are given in appendix C.

The statistical tables in appendix A are organized as follows: Tables A-1 through A-6 present a general overview of the social, economic, regional location, and employment characteristics of hired farmworkers by sex, racial/ethnic group,

Table 1--Number of hired farmworkers, by duration of farmwork, 1945-77

Year	Total	Duration of hired farmwork during the year				
		Less than 25 days	25-74 days	75-149 days	150-249 days	250 days or more
		Thousands				
1945	3,212	1,247	825	339	262	539
1946	2,770	817	749	340	312	552
1947	3,394	1,179	771	411	418	615
1948	3,752	1,250	904	597	381	620
1949	4,140	1,630	1,017	526	396	571
1950	4,342	1/ --	1/ --	1/ --	1/ --	1/ --
1951	3,274	1,118	925	379	301	551
1952	2,980	1,008	928	324	296	424
2/						
1954	3,009	1,101	756	318	364	470
2/						
1956	3,575	1,497	920	410	305	443
1957	3,962	1,762	1,044	501	256	399
1958	4,212	1,893	1/ --	1/ --	1/ --	1/ --
1959	3,577	1,412	863	502	348	452
1960	3,693	1,531	858	465	390	438
1961	3,488	1,600	849	354	281	404
1962	3,622	1,555	933	408	284	442
1963	3,597	1,735	771	392	309	390
1964	3,370	1,369	924	413	326	338
1965	3,128	1,264	807	397	282	379
1966	2,763	1,130	717	339	211	367
1967	3,078	1,338	738	327	277	397
1968	2,919	1,299	731	308	256	324
1969	2,571	1,106	718	258	189	301
1970	2,488	1,093	623	293	172	306
1971	2,550	1,191	648	213	213	285
1972	2,809	1,130	663	361	288	367
1973	2,671	1,085	567	351	247	421
1974	2,737	1,169	619	308	274	367
1975	2,638	1,180	556	319	228	355
1976	2,767	1,145	652	347	290	333
1977	2,730	1,056	667	322	295	391

Number of workers for 1959 and succeeding years are rounded to the nearest thousand without being adjusted to group totals.

1/ Not Available.

2/ No survey conducted in 1953 and 1955.

and duration of farmwork. Tables A-7 through A-12 contain earnings data by demographic, employment, and regional characteristics. Within these tables, data are provided separately for all workers, workers employed solely in hired farmwork during the year, and workers who did hired nonfarm work in addition to their farmwork. Tables A-13 through A-16 contain information on daily and annual earnings from total farm, and nonfarm employment sources. Finally, table A-17 presents selected data on migrant farmworkers by the distances they traveled to do farmwork.

COMPOSITION OF THE 1977 HIRED FARM WORKING FORCE

Employment Characteristics

The majority of hired farmworkers are employed on a casual or seasonal basis. (In this report, casual workers are defined as those working less than 25 days on farms and seasonal workers as those working 25 to 149 days.) These two groups comprise about 75 percent of the hired farm workforce, but performed only 30 percent of the total mandays worked in 1977 (figure 1).1/* Many casual and seasonal workers are students and housewives who work only a few weeks a year during harvest or other peak labor demand periods. Others have nonfarm jobs and supplement their income by doing farmwork. Regular and year-round workers work on farms for 150 days or more. In 1977, these workers comprised only 25 percent of the farmwork force, but worked 70 percent of the total days worked. Thus, the number of days spent at hired farmwork and, therefore, the total earnings from farmwork vary considerably among hired farmworkers. Specifically, in 1977:

- 39 percent of all farmworkers worked on farms for less than 25 days (casual workers). These workers earned $160 yearly for 9 days of farmwork, for an average of $17.92 per day. 2/
- 36 percent of the workers worked 25 to 149 days on farms (seasonal workers). Workers employed 25 to 74 days on the average earned $782. They averaged 45 days of farmwork and $17.52 per day. Those employed from 75 to 149 days earned $2,172, averaging 105 days of farmwork and $20.45 per day.
- Regular and year-round workers employed 150 to 249 days earned $4,449 for 201 days of work at $22.10 per day, while those working 250 or more days averaged $6,449 for 312 days of farmwork at $20.69 per day.

(The differences between the proportion of workers doing less than 25 days of farmwork and those working 25 to 149 days were not significant at the 90 percent level. Furthermore, the daily farm earnings of workers doing less than 25 days of farmwork and those working 25 to 74 days did not differ significantly. Finally, the difference in daily farm earnings of workers working 75 to 149 days and those working 250 or more days was not significant).

Personal Characteristics

The hired farm working force was predominately young, White, and male. The majority did not live on a farm and more workers resided in the South than any other region of the United States. Only two of every five hired farmworkers were heads of households; most were spouses and other family members. More specific findings on the characteristics and residence of the 1977 hired farm working force are:

- 56 percent of hired farmworkers were under 25 years of age; about half of these were 14-17 years old.
- The median age of all farmworkers in 1977 was 23 years.
- 72 percent were White.
- 77 percent of the farmworkers lived off the farm at the time of the survey.
- The largest proportion (42 percent) resided in the South.3/
- 40 percent of all farmworkers were heads of households; the remainder were spouses and other family members.
- 23 percent were females.

Racial and Ethnic Groups

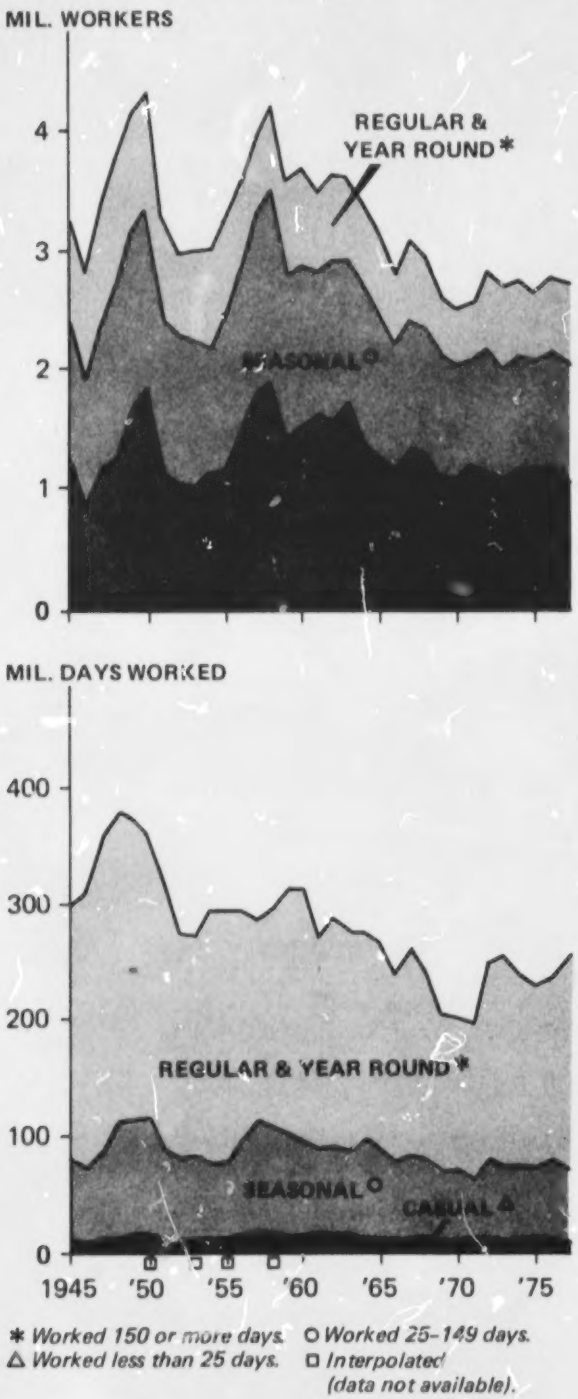
Minority persons accounted for 28 percent of the 1977 hired farm working force (756,000 workers). About 61 percent were Blacks and Others (462,000 workers) and 39 percent were Hispanics (294,000 workers).4/

The minority workers indicated more often than White workers that hired farmwork was their primary employment during the year. 5/ In addition, minorities were employed on the farm for longer periods during the year and received higher annual farm earnings than White farmworkers.

Other racial and ethnic characteristics are:

*All numbered footnotes appear on page 53.

HIRED FARMWORKERS AND MAN-DAYS WORKED



* *Worked 150 or more days.* ○ *Worked 25-149 days.*
△ *Worked less than 25 days.* □ *Interpolated (data not available).*

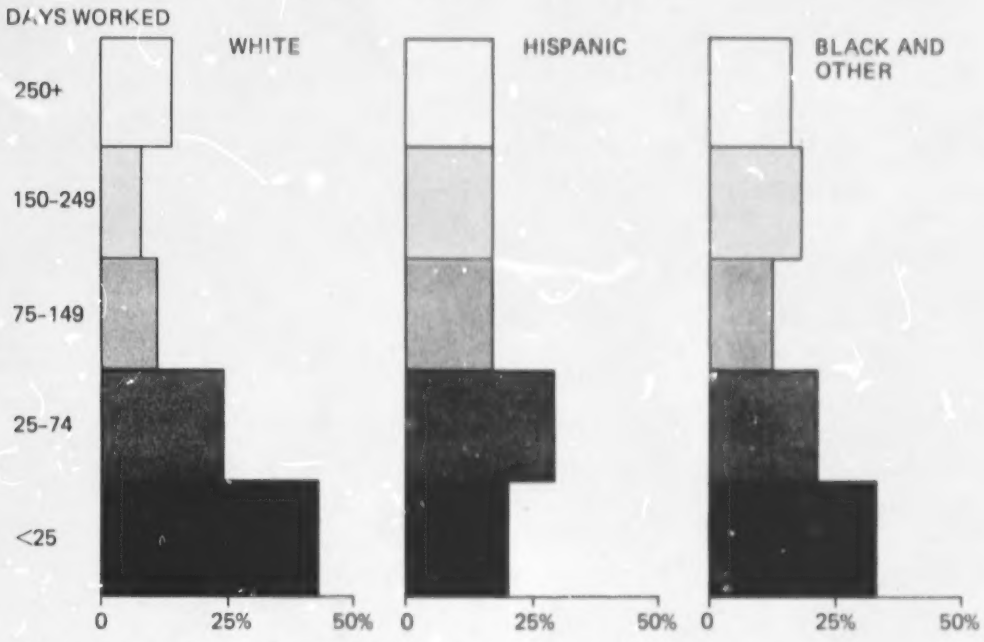
Figure 1

-Nearly all Hispanic workers lived off the farm, compared with 76 percent of the White workers and 70 percent of Blacks and Others. (The difference between the proportion of White workers and Black and Other workers living off the farm was not significant at the 90 percent level).

- 47 percent of Hispanics, 40 percent of Blacks and Others, but only 21 percent of White farmworkers cited hired farmwork as their primary employment status in 1977. (The difference between the proportions for Hispanics and Blacks and Others was not significant.)
- 43 percent of the Whites, 14 percent of the Blacks and Others, and 23 percent of the Hispanics were attending school and were not part of the labor force most of the year. (The difference between the proportion for Hispanics and Blacks and Others was not significant.)
- 43 percent of the Whites, 33 percent of the Blacks and Others, and 20 percent of the Hispanics did farmwork for less than 25 days in 1977 (figure 2).
- Hispanic farmworkers averaged 118 days of farmwork, compared with an average 86 days for Whites and 110 days for Blacks and Others. (The difference between average days of farmwork for Hispanics and Blacks and Others was not significant at the 90-percent level).
- Annual farm earnings of Hispanics and Blacks and Others averaged $2,830 and $2,356, respectively. Earnings for both groups were significantly higher than the $1,672 average for Whites.
- Among farmworkers who were solely employed in farmwork, Hispanics received $3,355 in farm earnings, compared with $2,347 for Whites and $2,860 for Blacks and Others.
- Of those farmworkers who had nonfarm employment, Hispanics received an average $1,646 in annual farm earnings and $2,400 from nonfarm work; Blacks and Others averaged $758 and $2,967 from farm and nonfarm earnings, while Whites averaged $914 and $3,384 from farm and nonfarm earnings.

HIRED FARMWORKERS, 1977

By Days of Farmwork and Racial/Ethnic Groups



See Appendix C for definitions of racial/ethnic categories.

Figure 2

- 35 percent of the Hispanics and 32 percent of the Blacks and Others were females, significantly larger proportions than the 20 percent of the White workers that were females.
- 16 percent of the Hispanics and 14 percent of the Blacks and Others were 14 to 17 years old, significancly smaller percentages than the 34 percent of the White workers that were this young.

Age

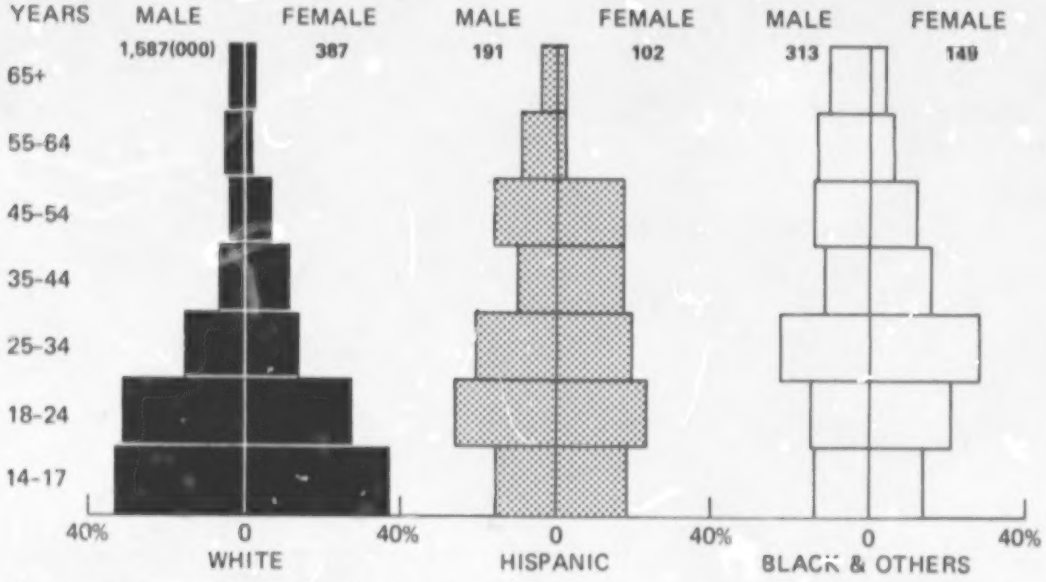
Minority workers--Hispanics and Blacks and Others--were significantly older than White farmworkers. The median age was 30 years for Hispanics and 33 years for Blacks and Others, compared to only 23 years for Whites. The distributions by age and racial and ethnic group depicted in figure 3 show that while most White workers (64 percent) were young persons ages 14-24, over half of the Hispanic and Black and Other workers were 25 years of age and over. The age data shown in figure 3 suggest that White workers are more likely than Hispanics and Blacks and Others to move out of hired farmwork as they become older. This is the case for males as well as females. This suggests that hired farmwork serves more as an entry job into the labor force and/or a supplemental job for Whites than for minority workers.

Years Employed in Farmwork

The greater attachment to hired farmwork for minority workers is also reflected by the data on years employed in farmwork. About one-fourth of the White workers were in their first year of farm employment in 1977, compared to only 13 and 14 percent, respectively, for Hispanics and Blacks and Others (table 2). The distributions of workers who had been employed in farmwork for 2 through 10 years are about the same for Whites as for minorities. However, the proportion of

HIRED FARMWORKERS, 1977

By Age, Sex, and Racial/Ethnic Group



See Appendix C for definitions of racial/ethnic categories.

Figure 3

Table 2--Number of hired farmworkers, by years employed in farmwork and by racial/ethnic groups, 1977 1/

Years employed in farmwork	All workers		Whites		Hispanics		Black and Others	
	Thou.	Pct	Thou.	Pct	Thou.	Pct	Thou.	Pct
1st	600	22	501	25	40	14	59	13
2nd	329	12	279	14	21	7	29	6
3rd	274	10	214	11	19	6	41	9
4th	257	9	200	10	25	9	32	7
5th	158	6	115	6	15	5	28	6
6th	138	5	95	5	28	10	15	3
7th	97	4	70	4	9	3	18	4
8th	63	2	45	2	7	2	11	2
9th	72	3	50	3	9	3	13	3
10th	43	2	27	1	4	1	11	2
11th-20th	291	11	197	10	49	17	77	17
21 or more	240	9	88	4	35	12	85	18
Not reported	168	6	94	5	30	10	44	10
Total	2,730	100	1,974	100	294	100	462	100

Numbers and percentages of workers may not add to totals due to rounding.
1/ See appendix C for definition of racial/ethnic categories.

minorities who had done farmwork for 11 and more years was significantly larger than the proportion for Whites. For all workers, the median number of years in farmwork was 4.8. However, for the racial/ethnic groups, the median number of years for White workers was 4 years, for Hispanics, 6 years, and for Blacks and Others 17.9 years.

Education

Hired farmworkers have lower educational levels than most other occupational groups. In 1977, farmworkers 25 years and older had a median education of 10.1 years (table 3), compared to a median education of 12.4 years for all people 25 years and over. Educational attainment was statistically different among the racial/ethnic groups at the 90-percent level. Hispanic farmworkers 25 years of age and over had the lowest education levels, with only 5 years of schooling in 1977. Blacks and Others had only a slightly higher level with 7.8 median years of schooling. In comparison, White farmworkers had a median education of 12.2 years. In 1977, only 8 percent of the Hispanic and 17 percent of the Black and Other farmworkers 25 years and over had completed high school, compared with 59 percent of the White farmworkers. The low levels of education for Hispanic and Black and Other workers may contribute to their greater attachment to the hired farm work force. Many hired farm jobs require a relatively low level of skill and training. Workers with lower education attainment can often compete effectively for these jobs

Table 3—Education completed by hired farmworkers 25 years of age and over, by racial/ethnic groups, 1977 1/

Education	Unit	Whites	Hispanics	Blacks and Others	Total
0-4 years	Percent	5	50	22	16
5-8 years	do.	21	35	40	28
9-11 years	do.	15	8	21	15
12 years	do.	36	5	12	25
13 years and over	do.	23	3	5	15
Total 2/	do.	100	100	100	100
Median	Years	12.2	5.0	7.8	10.1
Number of workers	Thousands	712	173	320	1,205

1/ See appendix C for definition of racial/ethnic categories.
2/ Percentages may not add to 100 due to rounding.

MIGRANTS

Some workers leave their homes each year for extended periods to do farmwork. Frequently the place of work is at great distances from the workers' homes. This is necessary because the demand for farmworkers in some areas exceeds the supply of persons living in the area willing to perform this kind of work in periods of peak labor demand.

In 1977, there were 191,000 workers, or 7 percent of the hired farmwork force, who did farmwork while away from their homes. Some of the characteristics of these workers are:

--Nearly 55 percent of the migrants were less than 25 years of age; about the same as the 56 percent for nonmigrants.
--Almost one-third were students and were out of the labor force most of the year.
--80 percent were males.
--Migrants tended to work more days on farms in 1977 than nonmigrants.

Twenty percent of the migrants did less than 25 days of farmwork during the year and 77 percent did less than 150 days of farmwork. In comparison, a greater percentage (40 percent) of the nonmigrants did less than 25 days of farmwork, but the number of nonmigrants who worked less than 150 days was about the same (74 percent) as migrants.

--Migrant workers earned an average of $2,263 from 97 days of farmwork compared to earnings of $1,886 for 93 days of farmwork for nonmigrant workers. (The average days are not significantly different at the 90-percent level.)

--The migrant work force had a higher proportion of minority workers than the nonmigrants. Fifty-eight percent of the migrants were White, 31 percent were Hispanic, and 11 percent were Blacks and Others. Of the nonmigrants, 73 percent were White, 17 percent were Blacks and Others, and 9 percent were Hispanic.

--About 92,000 (48 percent of the migrants) did both farm and nonfarm work. This group earned an average of $1,600 from farmwork and $3,101 from nonfarm work for a total of $4,701 in annual earnings. Comparisons for nonmigrants show about 1 million or 60 percent did both farm and nonfarm work. Nonmigrants earned an average of $900 from farmwork and $3,279 from nonfarm work for a total of $4,179 in annual earnings. (Only earnings from farmwork and total earnings were significantly higher for migrants).

--52 percent were employed only in farmwork during 1977; their annual earnings averaged $2,881.

--There was no significant difference between migrants and nonmigrants in the percentage of workers who were household heads, 41 percent for migrants and 40 percent for nonmigrants.

Distance Traveled

The distances traveled by migrants to do farmwork varied considerable in 1977. Nearly half of the migratory workers were employed in farm jobs that were over 500 miles from their homes, while about 20 percent traveled distances of 1,500 or more miles (table 4).6/ Hispanics tended to travel longer distances than Whites. The short-distance migrants tended to be whites. (There wasn't enough data for Black and Other migrants to permit conclusions on distances traveled.) Almost half of the White migrants traveled less than 200 miles, compared to only 13 percent of the Hispanic migrants. Among the migrants that traveled distances greater than 1,500 miles, 78 percent were Hispanics, compared to only 6 percent that were Whites.

Annual Trends

Since 1960, the annual trend shows the number of persons performing migrant farmwork has decreased about 50 percent (figure 4). However, most of this decline occurred during the sixties. Since 1970, the annual number of migrant farmworkers has remained relatively stable at about 200,000.

The decline in migrant farmworkers has caused an overall decrease in the number of farm days worked annually by migrants, but has resulted in little change in the number of days worked per worker. Furthermore, distribution of migrants by number of days worked was about the same in 1977 as it was in 1960. For example, the percentage of migrants performing 25 to 74 days of farmwork during the year was about the same in 1977 as it was in 1960 (figure 4).

The number of household heads as well as other household members performing migrant hired farmwork declined significantly between 1960 and 1977. For household heads, the largest decline was among those performing 25 or more days of farmwork during the year. This group decreased by 60 percent (150,000 to 60,000). For other household members, the overall decrease for the 17-year period was 67 percent. The decrease was the largest (70 percent) for workers performing less than 25 days of farmwork (71,000 to 21,000) and smallest (45 percent) for those performing 25 or more days (167,000 to 92,000).

The number of women in the migrant work force decreased by 60 percent, about the same decrease as for men (52 percent). These changes left the 1977 distribution between men and women very similar to the 1960 distribution; 80 percent were men and 20 percent were women.

Table 4--Migrant farmworkers: Distribution by racial/ethnic group and distance traveled to do farmwork, 1977

Distance traveled 1/	All workers		Racial/ethnic group 2/					
			Whites		Hispanics		Blacks and Others	
Miles	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.	Thou.	Pct.
Under 75	45	24	32	29	6	10	8	3/
75-199	25	13	21	19	2	3	3	3/
200-399	22	12	19	17	2	3	1	3/
400-499	4	2	1	1	1	2	2	3/
500-999	31	16	16	15	14	23	2	3/
1,000-1,499	16	8	9	8	1	2	6	3/
1,500-1,999	24	13	6	5	18	30	4/	3/
2,000 or more	13	7	1	1	11	18	4/	3/
Not reported	11	6	5	5	6	10	4/	3/
Total	191	100	110	100	60	100	21	100

Numbers and percentages of workers may not add to totals due to rounding.

1/ Distance traveled is the distance traveled by workers from their home-site to the place of employment that was the longest distance from home. Distance traveled does not include miles to return to home-site.

2/ See appendix C for definition of racial/ethnic categories.

3/ Percentages not shown where base is less than 50,000 persons.

4/ Estimated number less than 500.

MIGRANT FARMWORKERS, 1960-1977

By Days of Farmwork

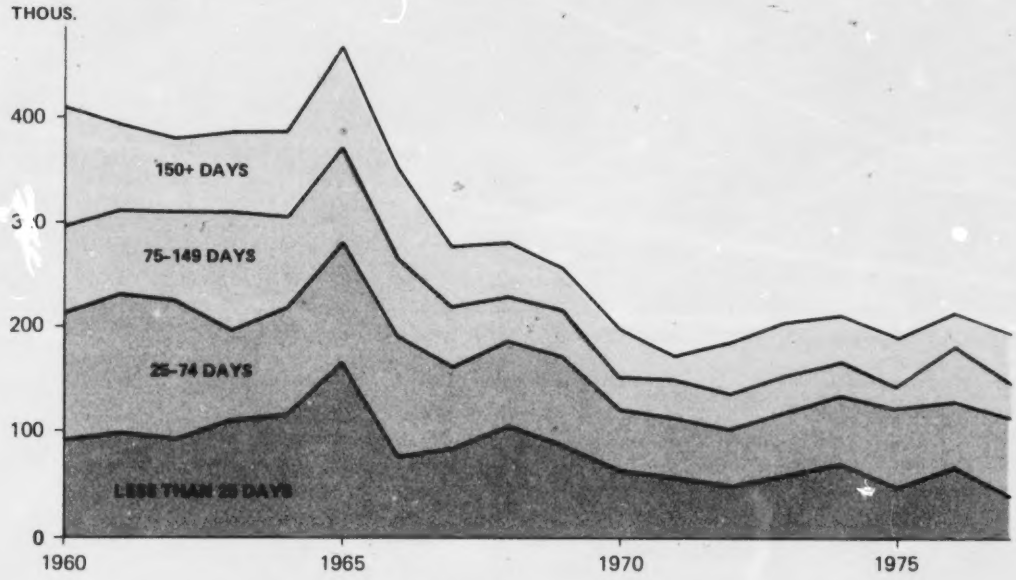


Figure 4

Racial and regional comparisons for migrants since 1960 are available only for those migrants employed in farmwork for 25 or more days during the year. The number of White workers in the migrant work force that performed 25 or more days of farmwork decreased by about 33 percent (195,000 to 132,000), compared with a decrease in the number of Black and Other workers of 84 percent (122,000 to 21,000). This changed the racial composition from 61 percent Whites and 39 percent Blacks and Others in 1960 to 86 percent Whites and 14 percent Blacks and Others in 1977.

About 80 percent of the migrants performing 25 days of farmwork or more annually are located in the South and West. The decline in the number of migrants between 1960 and 1977 was about equal in both regions, leaving the 1977 distribution by region similar to the 1960 distribution. In 1977, 51 percent of all migrants were in the South and 30 percent were in the West.

WORKERS' PRIMARY EMPLOYMENT STATUS AND ANNUAL EARNINGS 7/

The primary employment status of persons doing hired farmwork in 1977 was about equally divided between those who were employed or seeking employment in either farm or nonfarm occupations and those who were involved in nonlabor force activities most of the year, such as attending school and housekeeping. Among those that were employed or seeking employment most of the year, 734,000 persons or 27 percent of all farmworkers said hired farmwork was their principal employment; 444,000 or 16 percent said nonfarm work; 137,000 or 5 percent said farmwork other than hired farmwork (such as operating a farm was their principal employment); and 52,000 or 2 percent said they were unemployed but seeking work most of the year (table 5).

The annual earnings of this group varied significantly. Those workers who said that nonfarm employment was their primary activity earned the most--$6,977, of which only $641 came from farmwork. This compares with total earnings of $5,427 for persons with hired farmwork as their primary employment. In contrast, earnings for those who said farmwork other than hired work was their primary employment amounted to only $2,172, while those workers who were unemployed most of the year earned less than $1,800.

The 1.4 million persons who were not in the labor force most of the year consisted of 981,000 students, 238,000 housewives, and 145,000 who did other nonlabor force activities. Students earned an average of $1,063 a year--$642 of it from farm employment. Housewives averaged only $770 a year, with $590 earned doing farmwork. Workers who were not students or housewives earned $1,495--$719 from farmwork.

REGION

This (1977) is the second year that data are available on the number and characteristics of hired farmworkers by the 10 Standard Federal Regions (SFR). States comprising the regions are shown in figure 5. The number of workers in each region varies considerably and this variability appears to depend primarily on the predominant type of farming and the length of the growing and harvesting seasons in a region.

About one-fourth of all workers reside in the southeastern United States (SFR IV) (table 6). This region has the largest number of farms of any of the SFRs. Tobacco and a significant proportion of the Nation's fruits, nuts, and vegetables are grown in the Southeast. Most of these crops are labor intensive, requiring large numbers of workers. The second largest concentration of hired farmworkers is in the North Central Lake States (SFR V) (15 percent of all farmworkers), followed by the Southwest (SFR VI) (13 percent) and the Lower Pacific Coast (SFR IX) (11 percent).

Racial and Ethnic Groups

The proportion of the farmworkers that is minority in each of the SFRs varies significantly among regions (table

Table 5--Hired farmworkers: Average annual earnings by primary employment status, 1977

Primary employment status 1/	Total				With farm work only		With both farm and nonfarm work		
	Workers		Total annual earnings	Annual farm earnings	Workers	Annual farm earnings	Workers	Total annual earnings	Annual farm earnings
	Number	Percentage Distribution	--Dollars--		Thou.	Dollars	Thou.	--Dollars--	
	Thou.	Percent							
In Labor Force	1,367	50	5,465	3,173	743	4,708	623	6,371	1,344
Hired farmwork	734	27	5,427	5,173	616	5,355	118	5,796	4,221
Other farmwork 2/	137	5	2,172	1,572	104	1,704	32	3/	3/
Nonfarm work	444	16	6,977	641	--	--	444	6,977	641
Unemployed	52	2	1,777	782	23	3/	29	3/	3/
Not in Labor Force	1,364	50	1,058	649	846	740	518	1,575	498
Keeping house	238	9	770	590	178	600	60	1,270	561
Attending school	981	36	1,063	642	570	744	410	1,506	501
Other	145	5	1,495	719	98	977	47	3/	3/
All hired farmworkers	2,730	100	3,265	1,913	1,599	2,588	1,131	4,222	957

Number of workers may not add to totals due to rounding.
---Not available
1/Refers to respondent's major or chief activity during the year. See appendix C.
2/Includes operating a farm and unpaid family labor.
3/Averages not shown where base is less than 50,000.

Figure 5

Table 6—Number and distribution of hired farmworkers, by racial/ethnic group and Standard Federal Regions, 1977

Standard Federal Regions	All hired farmworkers					Migrant 1/ farmworkers	
	Total		Distribution within region by racial/ethnic groups 2/			Number	Percent
	Number	Percent	Whites	Hispanics	Blacks and others		
	Thou.	Percent				Thou.	Pct.
I-New England	75	3	97	3	—	1	—
II-New York and New Jersey	81	3	95	2	—	—	—
III-Mid-Atlantic	153	6	83	—	16	4	2
IV-Southeast	706	26	54	2	44	26	14
V-North Central Lake States	400	15	98	1	—	18	9
VI-Southwest	364	13	57	25	17	70	37
VII-Mid U.S.	277	10	96	2	1	14	7
VIII-Mountain	172	6	92	6	1	24	13
IX-Lower Pacific Coast	301	11	36	48	16	27	14
X-Northwest Pacific Coast	202	7	90	7	4	6	3
U.S.	2,730	100	72	11	17	191	100

Numbers and percentages may not add to totals due to rounding.
-- = Not available.
1/ The regional distribution of migrant workers primarily reflects home-base location rather than place of work, since the survey was taken in December.
2/ See appendix C for definition of racial/ethnic categories.

6). In the Southeast (SFR IV), Blacks and Others represented 44 percent of the work force, but only 16 percent of the work force in the Middle Atlantic (SFR III) and lower Pacific Coast (SFR IX), and 17 percent in the Southwest (SFR VI). (The difference between the proportions of workers that were Blacks and Others in SFR III, VI, and IX was not significant at the 90-percent level.)

In contrast, nearly half of the work force in the lower Pacific Coast (SFR IX) and one-fourth in the Southwest (SFR VI) were Hispanics. The work force in the remaining regions was mostly Whites.

Migrants

The largest proportion (37 percent) of migrant farmworkers were in the Southwest (SFR VI) at the time of the survey (table 6). Most of these were Hispanics. Nearly two-thirds of the migrant farmworkers lived in the Southeast, Southwest, and Lower Pacific Coast (SFRs IV, VI, and IX) regions generally identified as home bases for migrants.

Days of Farmwork

The annual number of days worked by hired farmworkers varied significantly by region. In the Southeast (SFR IV), North Central Lake States (SFR V), Mid-U.S. (SFR VII), and Northwest Pacific Coast (SFR X), the largest group of workers worked fewer than 25 days (table 7). In New England (SFR I), New York and New Jersey (SFR II), mid-Atlantic (SFR III), Southwest (SFR VI), and Mountain (SFR VIII) regions the proportion of workers in the region working less than 25 days, 25 to 74 days, and 150 days or more were not significantly different at the 90-percent level. The only region where the larger group of workers were those working 150 days or more was the Lower Pacific Coast (SFR IX).

Table 7--Hired farmworkers: Distribution by days of farmwork and Standard Federal Regions, 1977

Standard Federal Regions	Total	Distribution by days of farmwork			
		Fewer than 25 days	25-74 days	75-149 days	150 or more days
	Thou.	Percent			
I-New England	75	25	25	17	21
II-New York and New Jersey	81	40	21	10	28
III-Mid-Atlantic	153	37	25	11	27
IV-Southeast	706	38	25	8	29
V-North Central Lake States	400	42	22	8	27
VI-Southwest	364	34	28	13	25
VII-Mid U.S.	277	57	21	9	13
VIII-Mountain	172	31	28	20	21
IX-Lower Pacific Coast	301	23	23	20	35
X-Northwest Pacific Coast	202	53	21	12	13
U.S.	2,730	39	24	12	11

Numbers and percentages may not add to totals due to rounding.

RESIDENCE

The change since 1947-48 in the proportion of hired farmworkers who live on farms is shown in figure 6. The 1975-77 average was 21 percent, compared to the 1947-48 average of 65 percent. This decline has accompanied a gradual decline in the number of farms and persons living on farms. The numbers of farms and persons living on farms have decreased by about one-third since the late forties. 8/ In 1948 for example, there were 5.8 million farms and 24.4 million persons living on farms in the United States. In 1977, the number of farms was 2.7 million and the number of persons living on farms was 7.8 million.

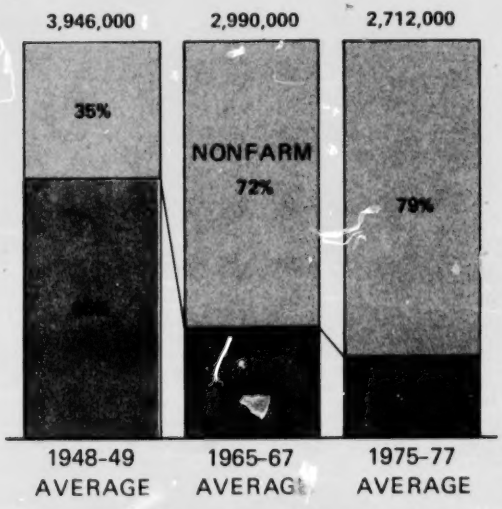
TRENDS

Although the size of the hired farm work force has not changed significantly between most years in the past decade, there have been some dramatic shifts in the composition of the work force when classified by race, age, region, and workers' principal activity during the year. Most of these changes occurred in the last half of the 1960s (table 8).

The number of Blacks and Others in the work force has declined about 46 percent during the past 10 years. This change has reduced the percentage of Blacks and Others in the work force from 27 percent in the 1965-67 period to 16 percent in the 1975-77 period. 9/

HIRED FARMWORKERS

By Residence



Residence of hired farmworkers in December of the reference years.

Figure 6

The average age of farmworkers declined during this period. This change resulted primarily from a significant increase in the number of workers 18 to 24 years old and a significant decline in workers 45 years and older. The number of workers 14 to 17 years old declined significantly, but there was no change in the proportion of the work force for this age group. The number of workers in the prime working age group, 25 to 44 years, did not change (table 8).

There has been a significant shift in the regional residence of hired farmworkers in the past decade. In the North Central Region, farm employment has increased by 27 percent, while employment in the South and West decreased 22 percent and 13 percent, respectively. The number residing in the Northeast did not change significantly during these years.

Most workers worked about the same number of days on farms in the 1965-67 period as they did in the 1975-77 period. The exception was those workers who performed 25-74 days of farmwork. Their days of work decreased 17 percent.

Trends in the annual distribution of farmworkers by their principal employment status show that even though there were annual fluctuations, the proportions of workers whose principal employment status was farmwork, not in the labor force, and nonfarm work were not significantly different in 1977 and in 1962 (figure 7 and tables 9 and 10). However, the distribution of the farmworkers who were students or housewives most of the year did change between 1962 and 1977. During this period, the student proportion of the "not in the labor force" group increased from 50 percent to 72 percent, while the housewife proportion decreased from 36 percent to 17 percent.

Table 8--Number of hired farmworkers and trends by race, age, and duration of farmwork; averages 1965-67 and 1975-77

Item	3-year averages		Percentage change	Percent of total	
	1965-67	1975-77		1965-67	1975-77
	----Thousands----			----------Percent----------	
Total	2,990	2,712	-9.3	100	100
Race: 1/					
Whites	2,168	2,272	+4.8	72	84
Blacks and Others	822	440	-46.5*	27	16
Age:					
14-17 years	940	810	-13.8*	31	30
18-24 years	619	767	+23.9*	21	28
25-44 years	695	659	-7.2	23	24
45-64 years	594	360	-39.4*	20	13
65 years and over	142	116	-8.3	5	4
Region:					
Northeast	237	221	-6.8	8	8
North Central	564	717	+27.1*	19	26
South	1,440	1,125	-21.9*	48	41
West	748	648	-13.4*	25	24
Duration of farmwork:					
Less than 25 days	1,244	1,127	-9.4	42	42
25-74 days	754	625	-17.1*	25	23
75-149 days	354	329	-7.1	12	12
150-249 days	257	271	+5.4	9	10
250 days and over	381	360	-5.5	13	13

1/Data were not available for Hispanic hired farmworkers for these periods.
*Changes in number or distribution between 1965-67 and 1975-77 are significantly different at the 95-percent confidence level.

DISTRIBUTION OF HIRED FARMWORKERS,* 1962-77 . . .

. . . by primary employment status

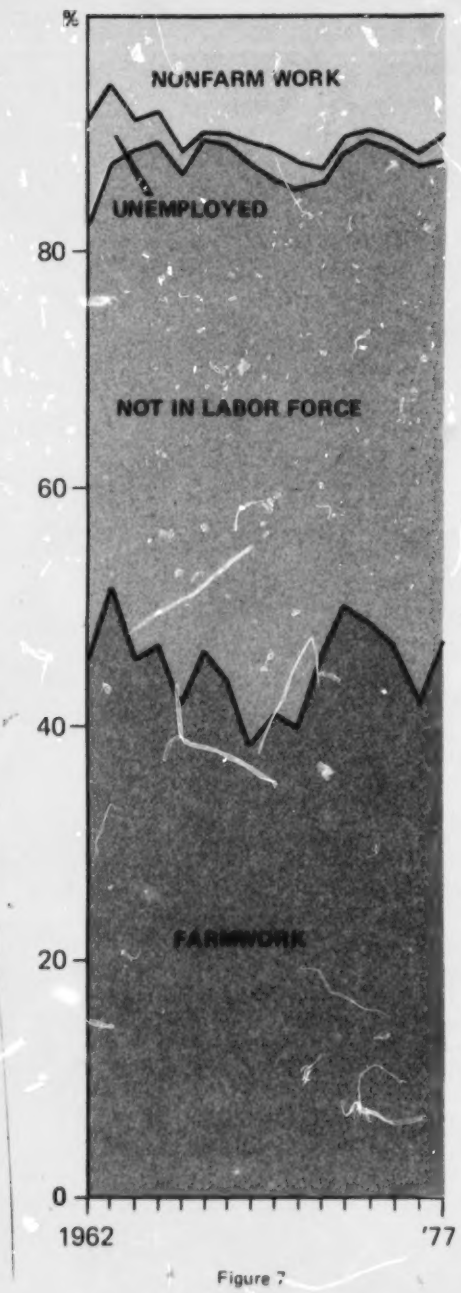


Figure 7

. . . not in labor force most of the year by their primary non-labor force activity

Year	Attending school %	Keeping house %	Other %
1962	50	36	14
1963	54	32	14
1964	58	33	9
1965	60	29	11
1966	66	22	13
1967	63	28	9
1968	63	27	10
1969	69	18	12
1970	72	17	11
1971	69	21	10
1972	71	18	11
1973	73	16	11
1974	73	15	12
1975	72	17	11
1976	75	14	11
1977	72	17	11

Table 9

. . . performing farmwork most of the year by kind of farmwork performed

Year	[illegible] %	[illegible] %	[illegible] %
1962	65	18	17
1963	71	15	14
1964	70	21	9
1965	72	20	7
1966	68	20	12
1967	71	19	9
1968	73	17	10
1969	72	19	9
1970	72	21	7
1971	71	16	13
1972	68	18	14
1973	70	19	11
1974	75	17	8
1975	76	18	6
1976	75	19	6
1977	71	14	16

[1]Includes operating a farm and unpaid family labor.

Table 10

* *Workers who did 25 days or more of hired farmwork during each year.*

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TABLE A-1. ALL HIRED FARMWORKERS: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977

(THOUSANDS)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	2,738	1,974	294	462
PRIMARY EMPLOYMENT STATUS:				
FARMWORK	871	522	143	285
HIRED FARMWORK	734	413	137	184
WITHOUT NONFARM WORK	616	334	113	170
WITH NONFARM WORK	118	79	25	14
OTHER FARMWORK 1/	137	109	6	22
NONFARM WORK	444	272	19	53
UNEMPLOYED	52	32	7	13
NOT IN LABOR FORCE	1,364	1,048	125	191
KEEPING HOUSE	238	115	44	79
ATTENDING SCHOOL	941	849	69	63
OTHER	145	94	12	48
RESIDENCE AND AGE:				
ALL WORKERS	2,738	1,974	294	462
14-17 YEARS	776	666	47	63
18-24 YEARS	769	596	74	79
25-34 YEARS	476	332	68	114
35-44 YEARS	244	149	57	58
45-54 YEARS	205	94	48	63
55-64 YEARS	162	93	19	50
65 YEARS AND OVER	119	74	[illegible]	36
NONFARM RESIDENCE	2,092	1,581	267	324
14-17 YEARS	619	525	43	51
18-24 YEARS	569	448	66	55
25-34 YEARS	379	247	58	74
35-44 YEARS	182	138	31	43
45-54 YEARS	146	69	44	42
55-64 YEARS	114	62	18	33
65 YEARS AND OVER	84	52	7	24
YEARS OF EDUCATION COMPLETED BY:				
WORKERS 25 AND OVER	1,285	712	173	389
0-4 YEARS	194	38	86	70
5-8 YEARS	340	151	60	129
9-11 YEARS	185	195	1[illegible]	67
12 YEARS	384	257	8	38
13 YEARS AND OVER	182	152	9	15
MIGRATORY STATUS:				
MIGRATORY	191	110	60	21
NONMIGRATORY	2,548	1,865	233	448
STANDARD FEDERAL REGIONS:				
I	75	73	2	2/ 0
II	81	77	2	2
III	153	127	0	25
IV	786	588	17	309
V	498	394	4	2
VI	564	239	93	62
VII	277	257	7	4
VIII	172	159	10	2
IX	301	198	145	48
X	282	181	14	8
FOUR CENSUS REGIONS:				
NORTHEAST	214	208	4	2
NORTH CENTRAL	730	739	13	4
SOUTH	1,158	653	102	395
WEST	636	433	175	58
DURATION OF FARMWORK:				
LESS THAN 25 DAYS	1,056	693	59	154
25-74 DAYS	667	483	86	97
75-149 DAYS	322	218	49	55
150-249 DAYS	295	162	50	83
250 DAYS AND OVER	391	268	49	73

CONTINUED

TABLE A-1. ALL HIRED FARMWORKERS: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977--CONTINUED

(PERCENT)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	100	100	100	100
PRIMARY EMPLOYMENT STATU :				
FARMWORK	32	26	49	44
HIRED FARMWORK	27	21	47	40
WITHOUT NONFARM WORK	23	17	38	37
WITH NONFARM WORK	4	4	8	3
OTHER FARMWORK 1/	5	5	2	5
NONFARM WORK	16	19	6	12
UNEMPLOYED	2	2	2	3
NOT IN LABOR FORCE	50	53	42	41
KEEPING HOUSE	9	6	15	17
ATTENDING SCHOOL	36	43	23	14
OTHER	5	4	4	10
RESIDENCE AND AGE:				
ALL WORKERS	100	100	100	100
14-17 YEARS	20	16	16	14
18-24 YEARS	27	30	25	17
25-34 YEARS	17	15	20	25
35-44 YEARS	9	9	12	13
45-54 YEARS	7	5	16	14
55-64 YEARS	6	5	7	11
65 YEARS AND OVER	4	4	3	8
NONFARM RESIDENCE	77	76	91	78
14-17 YEARS	23	27	15	11
18-24 YEARS	21	23	22	12
25-34 YEARS	14	12	20	16
35-44 YEARS	7	9	10	9
45-54 YEARS	9	9	15	9
55-64 YEARS	6	8	6	7
65 YEARS AND OVER	3	5	3	5
YEARS OF EDUCATION COMPLETED BY:				
WORKERS 25 AND OVER	44	56	39	69
0-4 YEARS	7	2	29	15
5-8 YEARS	12	9	20	28
9-11 YEARS	7	9	4	15
12 YEARS	11	13	5	8
13 YEARS AND OVER	7	9	2	3
MIGRATORY STATUS:				
MIGRATORY	7	6	21	4
NONMIGRATORY	93	94	79	96
STANDARD FEDERAL REGIONS:				
I	3	4	1	0
II	3	4	1	0
III	6	6	0	5
IV	26	19	6	67
V	15	23	1	1
VI	13	11	32	13
VII	10	14	2	1
VIII	6	9	4	1
IX	11	5	49	10
X	7	9	5	2
FOUR CENSUS REGIONS:				
NORTHEAST	8	11	1	9
NORTH CENTRAL	27	36	5	2
SOUTH	42	35	35	85
WEST	23	23	60	13
DURATION OF FARMWORK:				
LESS THAN 25 DAYS	39	45	28	33
25-74 DAYS	24	24	29	21
75-149 DAYS	12	11	17	12
150-249 DAYS	11	9	17	18
250 DAYS AND OVER	14	14	17	16

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ ESTIMATE WAS LESS THAN 500.

TABLE A-2. ALL HIRED FARMWORKERS: NUMBER AND PERCENTAGE DISTRIBUTION BY RACIAL/ETHNIC GROUPS, SEX, AND SELECTED CHARACTERISTICS, 1977

(THOUSANDS)

SELECTED CHARACTERISTICS	TOTAL		WHITES		HISPANICS		BLACKS AND OTHERS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL WORKERS	2,892	638	1,587	387	191	102	313	149
PRIMARY EMPLOYMENT STATUS:								
FARMWORK	762	109	462	60	122	21	178	27
HIRED FARMWORK	630	104	357	56	116	21	157	27
WITHOUT NONFARM WORK	532	84	269	45	93	20	150	20
WITH NONFARM WORK	97	21	68	12	23	1	6	7
OTHER FARMWORK 1/	132	4	105	4	6	2/ 0	22	0
NONFARM WORK	386	59	334	38	15	3	36	18
UNEMPLOYED	44	8	30	2	5	2	10	4
NOT IN LABOR FORCE	981	463	762	286	49	76	90	101
KEEPING HOUSE	0	238	0	115	0	44	0	79
ATTENDING SCHOOL	769	212	684	145	40	29	45	13
OTHER	132	13	78	6	9	3	45	4
RESIDENCE AND AGE:								
ALL WORKERS	2,092	638	1,587	387	191	102	313	149
14-17 YEARS	594	182	523	143	20	19	44	20
18-24 YEARS	588	163	491	105	56	24	47	31
25-34 YEARS	368	116	248	54	39	20	72	41
35-44 YEARS	161	83	108	41	19	18	35	23
45-54 YEARS	144	61	70	24	30	18	45	19
55-64 YEARS	145	17	86	7	18	2	41	9
65 YEARS AND OVER	99	19	61	12	8	2	30	6
NONFARM RESIDENCE	1,563	529	1,191	310	170	97	202	121
14-17 YEARS	474	145	414	110	25	19	35	16
18-24 YEARS	436	133	361	87	44	21	30	25
25-34 YEARS	277	102	232	44	38	27	37	37
35-44 YEARS	113	69	73	34	15	16	24	19
45-54 YEARS	94	52	48	28	26	18	20	14
55-64 YEARS	98	16	55	7	17	2	26	7
65 YEARS AND OVER	72	12	44	8	6	2	22	2
YEARS OF EDUCATION COMPLETED BY WORKERS 25 AND OVER	989	296	573	139	113	69	223	98
0-4 YEARS	139	56	28	10	56	33	55	16
5-8 YEARS	257	83	124	27	39	21	94	35
9-11 YEARS	121	64	70	34	10	3	40	27
12 YEARS	236	69	213	44	5	9	22	17
13 YEARS AND OVER	157	25	142	20	3	1	12	3
MIGRATORY STATUS:								
MIGRATORY	152	38	101	9	35	26	17	4
NONMIGRATORY	1,940	600	1,486	378	157	77	297	145
STANDARD FEDERAL REGIONS:								
I	68	15	59	13	0	2	0	0
II	68	23	59	18	2	0	0	2
III	138	14	116	12	0	0	23	3
IV	502	224	279	101	15	2	208	100
V	336	64	334	60	1	3	1	1
VI	301	63	193	16	64	29	44	18
VII	232	46	225	41	2	4	4	3
VIII	147	25	136	21	7	4	2	3
IX	182	120	65	43	89	56	28	29
X	134	66	119	61	11	2	4	4
FOUR CENSUS REGIONS:								
NORTHEAST	174	49	172	37	2	2	0	2
NORTH CENTRAL	613	117	602	107	5	9	6	1
SOUTH	878	272	530	123	73	29	275	120
WEST	427	209	283	120	111	63	32	26
DURATION OF FARMWORK:								
LESS THAN 25 DAYS	746	306	641	202	34	25	73	61
25-74 DAYS	473	194	370	114	43	43	60	36
75-149 DAYS	267	55	196	22	31	18	40	15
150-249 DAYS	241	54	133	29	34	15	75	9
250 DAYS AND OVER	363	28	248	28	49	1	66	0

CONTINUED

TABLE A-2. ALL HIRED FARMWORKERS: NUMBER AND PERCENTAGE DISTRIBUTION BY RACIAL/ETHNIC GROUPS, SEX, AND SELECTED CHARACTERISTICS, 1977--CONTINUED

(PERCENT)

SELECTED CHARACTERISTICS	TOTAL		WHITES		HISPANICS		BLACKS AND OTHERS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL WORKERS	100	100	100	100	100	100	100	100
PRIMARY EMPLOYMENT STATUS:								
FARMWORK	36	17	29	16	44	21	57	18
HIRED FARMWORK	30	16	22	15	41	21	50	18
WITHOUT NONFARM WORK	25	13	18	12	49	19	48	13
WITH NONFARM WORK	5	3	4	3	12	1	2	5
OTHER FARMWORK 1/	6	1	7	1	3	2/ 0	7	0
NONFARM WORK	18	9	21	10	8	3	11	12
UNEMPLOYED	2	1	2	1	3	2	3	2
NOT IN LABOR FORCE	43	73	48	74	26	74	29	68
KEEPING HOUSE	0	37	0	38	0	43	0	53
ATTENDING SCHOOL	37	33	43	43	21	28	14	12
OTHER	6	2	5	2	5	3	14	2
RESIDENCE AND AGE:								
ALL WORKERS	100	100	100	100	100	100	100	100
14-17 YEARS	28	29	33	37	15	18	14	13
18-24 YEARS	25	25	31	27	26	24	15	21
25-34 YEARS	17	18	14	14	21	20	23	28
35-44 YEARS	8	13	7	11	10	10	11	16
45-54 YEARS	7	10	4	6	15	17	14	12
55-64 YEARS	7	3	5	2	9	2	13	6
65 YEARS AND OVER	3	3	4	3	4	2	10	4
NONFARM RESIDENCE	75	83	75	86	89	95	65	82
14-17 YEARS	23	23	26	29	13	18	11	11
18-24 YEARS	21	21	23	22	23	21	10	17
25-34 YEARS	13	16	13	11	20	20	12	25
35-44 YEARS	5	11	5	9	8	15	8	13
45-54 YEARS	4	8	3	5	14	17	9	10
55-64 YEARS	5	2	3	2	9	2	8	5
65 YEARS AND OVER	3	2	3	2	3	2	7	2
YEARS OF EDUCATION COMPLETED BY:								
WORKERS 25 AND OVER	43	46	36	36	59	58	71	66
0-4 YEARS	7	9	2	3	29	39	17	11
5-8 YEARS	12	13	8	7	28	21	33	29
9-11 YEARS	6	10	4	9	5	3	13	18
12 YEARS	11	11	13	12	2	4	7	11
13 YEARS AND OVER	8	4	9	5	2	1	4	2
MIGRATORY STATUS:								
MIGRATORY	7	6	6	2	14	25	5	3
NONMIGRATORY	93	94	94	98	82	75	95	97
STANDARD FEDERAL REGIONS:								
I	3	2	4	3	0	2	0	0
II	3	3	4	5	1	0	0	1
III	7	2	7	3	0	0	7	2
IV	24	32	18	26	8	2	66	67
V	16	10	21	16	1	3	0	1
VI	14	10	12	4	34	28	14	12
VII	11	7	14	11	1	4	1	0
VIII	7	4	9	5	3	4	1	0
IX	9	19	4	11	46	55	9	14
X	6	11	8	16	4	2	1	3
FOUR CENSUS REGIONS:								
NORTHEAST	8	6	11	9	1	2	0	1
NORTH CENTRAL	29	18	38	28	2	8	2	1
SOUTH	42	43	33	32	38	28	88	81
WEST	20	33	18	31	58	62	10	17
DURATION OF FARMWORK:								
LESS THAN 25 DAYS	36	48	40	52	18	25	23	34
25-74 DAYS	23	30	23	29	23	42	19	25
75-149 DAYS	13	9	12	6	16	17	13	19
150-249 DAYS	12	8	8	8	18	16	24	6
250 DAYS AND OVER	17	4	16	5	26	6	21	5

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ ESTIMATE WAS LESS THAN 500.

TABLE A-3. HIRED FARMWORKERS WHO DID LESS THAN 25 DAYS OF FARMWORK: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977

(THOUSANDS)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	1,056	843	59	154
PRIMARY EMPLOYMENT STATUS:				
FARMWORK	85	67	6	12
HIRED FARMWORK	26	15	4	6
WITHOUT NONFARM WORK	21	13	3	5
WITH NONFARM WORK	4	2	1	1
OTHER FARMWORK 1/	60	52	1	6
NONFARM WORK	267	226	8	33
UNEMPLOYED	25	18	3	4
NOT IN LABOR FORCE	679	532	42	105
KEEPING HOUSE	127	67	13	47
ATTENDING SCHOOL	488	430	27	30
OTHER	65	35	3	27
RESIDENCE AND AGE:				
ALL WORKERS	1,056	843	59	154
14-17 YEARS	402	352	17	34
18-24 YEARS	265	217	21	27
25-34 YEARS	177	137	10	30
35-44 YEARS	78	54	4	20
45-54 YEARS	47	34	2	12
55-64 YEARS	47	32	2/ 0	15
65 YEARS AND OVER	39	18	5	16
NONFARM RESIDENCE	885	736	54	125
14-17 YEARS	345	301	17	28
18-24 YEARS	225	184	17	24
25-34 YEARS	164	126	9	29
35-44 YEARS	59	41	4	15
45-54 YEARS	34	23	2	10
55-64 YEARS	31	20	0	11
65 YEARS AND OVER	26	12	5	9
YEARS OF EDUCATION COMPLETED BY:				
WORKERS 25 AND OVER	388	274	21	93
0-4 YEARS	27	6	10	12
5-8 YEARS	83	42	8	33
9-11 YEARS	63	37	1	26
12 YEARS	121	109	2	10
13 YEARS AND OVER	94	80	2	12
MIGRATORY STATUS:				
MIGRATORY	39	33	5	0
NONMIGRATORY	1,017	810	54	153
STANDARD FEDERAL REGIONS:				
I	19	19	0	0
II	32	30	0	2
III	56	48	0	8
IV	271	172	2	97
V	167	151	4	2
VI	122	76	17	29
VII	157	153	3	1
VIII	54	51	1	1
IX	69	36	26	7
X	108	96	6	7
FOUR CENSUS REGIONS:				
NORTHEAST	67	55	8	2
NORTH CENTRAL	344	331	9	4
SOUTH	430	239	17	133
WEST	215	156	33	15

CONTINUED

TABLE 4-3. HIRED FARMWORKERS WHO DID LESS THAN 25 DAYS OF FARMWORK: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977--CONTINUED

(PERCENT)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	100	100	100	100
PRIMARY EMPLOYMENT STATUS:				
FARMWORK	8	8	10	8
HIRED FARMWORK	2	2	8	4
WITHOUT NONFARM WORK	2	2	5	3
WITH NONFARM WORK	0	0	2	1
OTHER FARMWORK 1/	6	6	2	4
NONFARM WORK	25	27	13	21
UNEMPLOYED	2	2	5	2
NOT IN LABOR FORCE	64	63	72	68
KEEPING HOUSE	12	3	21	31
ATTENDING SCHOOL	46	51	46	29
OTHER	6	9	4	18
RESIDENCE AND AGE:				
ALL WORKERS	100	100	100	100
14-17 YEARS	38	42	29	22
18-24 YEARS	25	25	35	18
25-34 YEARS	17	15	17	20
35-44 YEARS	7	6	7	13
45-54 YEARS	4	4	3	8
55-64 YEARS	4	4	0	18
65 YEARS AND OVER	4	2	0	18
NONFARM RESIDENCE	84	84	92	82
14-17 YEARS	33	36	29	18
18-24 YEARS	21	22	29	16
25-34 YEARS	16	15	15	19
35-44 YEARS	6	5	7	10
45-54 YEARS	3	5	3	6
55-64 YEARS	3	2	0	7
65 YEARS AND OVER	2	1	9	6
YEARS OF EDUCATION COMPLETED BY:				
WORKERS 25 AND OVER	37	32	37	61
0-4 YEARS	3	1	17	8
5-8 YEARS	8	5	13	21
9-11 YEARS	6	9	1	17
12 YEARS	11	13	3	7
13 YEARS AND OVER	9	9	3	8
MIGRATORY STATUS:				
MIGRATORY	4	4	9	0
NONMIGRATORY	96	96	91	100
STANDARD FEDERAL REGIONS:				
I	2	2	0	0
II	3	4	0	1
III	5	6	0	5
IV	26	23	3	63
V	16	19	7	2
VI	12	9	28	19
VII	15	15	5	1
VIII	5	6	2	1
IX	7	4	43	5
X	10	11	10	4
FOUR CENSUS REGIONS:				
NORTHEAST	6	3	0	1
NORTH CENTRAL	33	39	14	3
SOUTH	41	33	29	86
WEST	20	20	57	10

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ ESTIMATE WAS LESS THAN 500.

TABLE A-4. HIRED FARMWORKERS WHO DID 25 TO 149 DAYS OF FARMWORK: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977

(THOUSANDS)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	989	701	135	152
PRIMARY EMPLOYMENT STATUS:				
FARMWORK	184	99	48	45
HIRED FARMWORK	139	65	38	36
WITHOUT NONFARM WORK	98	44	25	29
WITH NONFARM WORK	41	20	13	8
OTHER FARMWORK 1/	45	34	2	9
NONFARM WORK	167	137	11	20
UNEMPLOYED	25	12	3	9
NOT IN LABOR FORCE	613	454	81	78
KEEPING HOUSE	105	44	30	32
ATTENDING SCHOOL	432	363	41	27
OTHER	76	47	9	20
RESIDENCE AND AGE:				
ALL WORKERS	989	731	135	152
14-17 YEARS	315	253	29	24
18-24 YEARS	310	229	43	37
25-34 YEARS	126	78	25	24
35-44 YEARS	81	47	14	20
45-54 YEARS	62	22	18	23
55-64 YEARS	43	28	6	9
65 YEARS AND OVER	50	34	2	15
NONFARM RESIDENCE	782	593	123	115
14-17 YEARS	240	176	25	19
18-24 YEARS	245	191	38	26
25-34 YEARS	104	59	25	20
35-44 YEARS	69	39	11	19
45-54 YEARS	51	18	18	15
55-64 YEARS	36	23	6	6
65 YEARS AND OVER	37	27	2/ 0	18
YEARS OF EDUCATION COMPLETED BY:				
WORKERS 25 AND OVER	363	289	64	91
0-4 YEARS	74	14	32	28
5-8 YEARS	96	50	20	26
9-11 YEARS	58	37	3	18
12 YEARS	93	72	6	15
13 YEARS AND OVER	42	36	3	3
MIGRATORY STATUS:				
MIGRATORY	108	52	44	12
NONMIGRATORY	881	649	92	140
STANDARD FEDERAL REGIONS:				
I	39	37	2	0
II	25	25	0	0
III	54	43	0	11
IV	233	135	7	91
V	125	125	0	0
VI	150	76	52	22
VII	83	78	3	2
VIII	83	75	7	1
IX	128	44	60	24
X	68	63	4	2
FOUR CENSUS REGIONS:				
NORTHEAST	85	53	2	0
NORTH CENTRAL	233	227	4	2
SOUTH	411	231	56	124
WEST	259	150	73	26

CONTINUED

TABLE A-4. HIRED FARMWORKERS WHO DID 25 TO 149 DAYS OF FARMWORK: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977--CONTINUED

(PERCENT)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	100	100	100	100
PRIMARY EMPLOYMENT STATUS:				
FARMWORK	19	14	32	38
HIRED FARMWORK	14	9	28	24
WITHOUT NONFARM WORK	10	6	19	19
WITH NONFARM WORK	4	3	9	5
OTHER FARMWORK 1/	5	5	2	6
NONFARM WORK	17	19	8	13
UNEMPLOYED	3	2	2	4
NOT IN LABOR FORCE	62	65	59	51
KEEPING HOUSE	11	6	22	21
ATTENDING SCHOOL	44	52	31	18
OTHER	8	7	7	13
RESIDENCE AND AGE:				
ALL WORKERS	100	100	100	100
14-17 YEARS	32	39	21	16
18-24 YEARS	31	33	32	25
25-34 YEARS	13	11	16	16
35-44 YEARS	8	7	10	13
45-54 YEARS	6	5	13	15
55-64 YEARS	4	4	5	6
65 YEARS AND OVER	5	5	1	10
NONFARM RESIDENCE	79	77	91	76
14-17 YEARS	24	28	19	12
18-24 YEARS	25	26	28	17
25-34 YEARS	11	9	18	13
35-44 YEARS	7	6	8	12
45-54 YEARS	5	5	13	10
55-64 YEARS	4	3	5	4
65 YEARS AND OVER	4	4	2/ 0	7
YEARS OF EDUCATION COMPLETED BY:				
WORKERS 25 AND OVER	37	35	47	60
0-4 YEARS	7	2	23	19
5-8 YEARS	10	7	15	17
9-11 YEARS	6	5	2	12
12 YEARS	9	13	5	10
13 YEARS AND OVER	4	5	2	2
MIGRATORY STATUS:				
MIGRATORY	11	7	32	8
NONMIGRATORY	89	93	68	92
STANDARD FEDERAL REGIONS:				
I	4	5	0	9
II	3	4	1	0
III	5	5	0	7
IV	24	17	8	60
V	13	14	3	9
VI	15	11	56	14
VII	8	11	0	1
VIII	8	11	5	0
IX	13	5	44	16
X	7	9	3	1
FOUR CENSUS REGIONS:				
NORTHEAST	9	12	2	0
NORTH CENTRAL	24	32	3	1
SOUTH	42	31	41	81
WEST	26	25	54	17

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ ESTIMATE WAS LESS THAN 500.

TABLE A-5. HIRED FARMWORKERS WHO DID 150 OR MORE DAYS OF FARMWORK: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977

(THOUSANDS)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	686	430	99	157
PRIMARY EMPLOYMENT STATUS:				
FARMWORK	602	356	97	148
HIRED FARMWORK	569	333	95	141
WITHOUT NONFARM WORK	496	276	84	136
WITH NONFARM WORK	73	57	10	5
OTHER FARMWORK 1/	33	23	3	7
NONFARM WORK	10	9	2/ 0	1
UNEMPLOYED	2	2	0	0
NOT IN LABOR FORCE	72	63	2	7
KEEPING HOUSE	7	5	1	0
ATTENDING SCHOOL	61	55	0	6
OTHER	4	2	0	1
RESIDENCE AND AGE:				
ALL WORKERS	686	430	99	157
14-17 YEARS	59	51	1	6
18-24 YEARS	174	149	10	14
25-34 YEARS	173	98	25	59
35-44 YEARS	85	66	19	18
45-54 YEARS	95	39	28	28
55-64 YEARS	72	33	13	25
65 YEARS AND OVER	29	22	2	6
NONFARM RESIDENCE	425	252	90	83
14-17 YEARS	34	28	1	5
18-24 YEARS	99	83	10	5
25-34 YEARS	111	61	25	25
35-44 YEARS	53	28	15	10
45-54 YEARS	69	19	24	17
55-64 YEARS	47	19	12	16
65 YEARS AND OVER	21	13	2	5
YEARS OF EDUCATION COMPLETED BY WORKERS 25 AND OVER	453	238	87	136
0-4 YEARS	93	18	45	30
5-8 YEARS	161	39	32	78
9-11 YEARS	64	31	10	23
12 YEARS	90	76	0	13
13 YEARS AND OVER	46	46	0	0
MIGRATORY STATUS:				
MIGRATORY	44	25	11	8
NONMIGRATORY	642	405	88	149
STANDARD FEDERAL REGIONS:				
I	16	16	0	0
II	23	21	2	0
III	42	36	0	6
IV	202	73	6	121
V	108	108	0	0
VI	92	57	24	11
VII	37	36	0	1
VIII	36	33	2	1
IX	104	28	59	16
X	26	22	4	0
FOUR CENSUS REGIONS:				
NORTHEAST	62	59	2	0
NORTH CENTRAL	154	151	1	1
SOUTH	309	142	28	139
WEST	162	77	68	17

CONTINUED

TABLE A-5. HIRED FARMWORKERS WHO DID 150 OR MORE DAYS OF FARMWORK: NUMBER AND PERCENTAGE DISTRIBUTION, BY RACIAL/ETHNIC GROUPS AND SELECTED CHARACTERISTICS, 1977--CONTINUED

(PERCENT)

SELECTED CHARACTERISTICS	TOTAL	WHITES	HISPANICS	BLACKS AND OTHERS
ALL WORKERS	100	100	100	100
PRIMARY EMPLOYMENT STATUS:				
FARMWORK	88	93	98	95
HIRED FARMWORK	83	77	95	90
WITHOUT NONFARM WORK	72	64	85	87
WITH NONFARM WORK	11	13	11	3
OTHER FARMWORK 1/	5	5	3	4
NONFARM WORK	1	2	2/ 0	1
UNEMPLOYED	0	1	0	0
NOT IN LABOR FORCE	10	15	2	5
KEEPING HOUSE	1	1	1	0
ATTENDING SCHOOL	9	13	0	4
OTHER	1	1	0	1
RESIDENCE AND AGE:				
ALL WORKERS	100	100	100	100
14-17 YEARS	9	12	1	4
18-24 YEARS	25	35	10	9
25-34 YEARS	25	21	25	30
35-44 YEARS	12	11	19	11
45-54 YEARS	14	9	28	18
55-64 YEARS	10	8	13	16
65 YEARS AND OVER	4	3	2	4
NONFARM RESIDENCE	62	39	91	53
14-17 YEARS	5	6	1	3
18-24 YEARS	14	13	10	3
25-34 YEARS	16	10	25	16
35-44 YEARS	8	5	16	4
45-54 YEARS	9	4	25	11
55-64 YEARS	7	4	12	10
65 YEARS AND OVER	3	3	2	3
YEARS OF EDUCATION COMPLETED BY WORKERS 25 AND OVER	66	53	88	87
0-4 YEARS	14	4	46	19
5-8 YEARS	23	14	33	45
9-11 YEARS	9	7	10	15
12 YEARS	13	13	0	8
13 YEARS AND OVER	7	11	0	0
MIGRATORY STATUS:				
MIGRATORY	6	6	11	5
NONMIGRATORY	94	94	89	95
STANDARD FEDERAL REGIONS:				
I	2	4	0	0
II	3	5	2	0
III	6	9	0	4
IV	29	17	8	77
V	16	25	0	0
VI	13	13	25	7
VII	5	9	0	1
VIII	5	4	2	1
IX	15	7	60	13
X	4	5	4	0
FOUR CENSUS REGIONS:				
NORTHEAST	9	14	2	0
NORTH CENTRAL	22	33	1	1
SOUTH	45	33	29	89
WEST	24	13	68	11

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ ESTIMATE WAS LESS THAN 500.

TABLE A-6. ALL HIRED FARMWORKERS: NUMBER AND PERCENTAGE DISTRIBUTION, BY DAYS OF FARMWORK AND SELECTED CHARACTERISTICS, 1977
(THOUSANDS)

SELECTED CHARACTERISTICS	NUMBER OF HIRED FARMWORKERS						
		NUMBER WORKING --					
	TOTAL	FEWER THAN 25 DAYS	25- 74 DAYS	75- 149 DAYS	150- 249 DAYS	250 DAYS AND OVER	
ALL WORKERS	2,730	1,056	667	322	295	391	
ETHNIC GROUPS:							
WHITE	1,974	843	483	218	162	268	
HISPANIC	294	59	86	49	50	49	
BLACKS AND OTHERS	462	154	97	55	83	73	
PRIMARY EMPLOYMENT STATUS:							
FARMWORK	871	85	65	119	248	354	
HIRED FARMWORK	734	26	31	198	230	340	
WITHOUT NONFARM WORK	616	21	25	73	191	385	
WITH NONFARM WORK	118	4	6	35	38	34	
OTHER FARMWORK 1/	137	60	33	11	18	15	
NONFARM WORK	444	267	124	43	10	2/ 0	
UNEMPLOYMENT	52	25	13	12	2	0	
NOT IN LABOR FORCE	1,364	679	465	148	35	37	
KEEPING HOUSE	238	127	78	27	6	1	
ATTENDING SCHOOL	981	488	332	138	26	35	
OTHER	145	65	55	21	3	1	
SEX AND AGE:							
MALES	2,092	748	473	267	241	363	
14 - 17 YEARS	594	293	281	54	19	28	
18 - 24 YEARS	585	196	135	133	66	89	
25 - 34 YEARS	360	125	49	36	60	90	
35 - 44 YEARS	161	39	31	14	18	58	
45 - 54 YEARS	144	25	15	18	38	48	
55 - 64 YEARS	145	42	19	20	39	34	
65 YEARS & OVER	99	29	22	21	10	16	
FEMALES	638	308	194	55	54	28	
14 - 17 YEARS	182	110	55	5	6	7	
18 - 24 YEARS	160	70	62	10	16	3	
25 - 34 YEARS	116	52	38	11	16	8	
35 - 44 YEARS	83	38	21	15	7	1	
45 - 54 YEARS	61	23	20	10	9	8	
55 - 64 YEARS	17	5	4	1	1	6	
65 YEARS & OVER	19	10	3	3	0	2	
RESIDENCE:							
FARM	638	171	128	79	86	175	
NONFARM	2,092	885	539	243	209	216	
MIGRATORY STATUS:							
MIGRATORY	191	39	73	35	21	23	
NONMIGRATORY	2,540	1,017	594	287	274	368	
STANDARD FEDERAL REGIONS:							
I	75	19	26	13	9	7	
II	81	32	17	8	9	14	
III	153	56	38	17	12	30	
IV	706	271	175	58	90	112	
V	400	167	90	36	34	74	
VI	364	122	103	47	46	46	
VII	277	157	59	24	12	25	
VIII	172	54	48	35	16	20	
IX	301	69	69	50	48	46	
X	202	108	43	25	19	16	
FOUR CENSUS REGIONS:							
NORTHEAST	214	67	61	25	25	37	
NORTH CENTRAL	730	344	167	66	58	103	
SOUTH	1,150	430	294	117	140	169	
WEST	636	215	145	114	80	81	

CONTINUED

TABLE A-6. ALL HIRED FARMWORKERS: NUMBER AND PERCENTAGE DISTRIBUTION, BY DAYS OF FARMWORK AND SELECTED CHARACTERISTICS, 1977--CONTINUED

(PERCENT)

SELECTED CHARACTERISTICS	NUMBER OF HIRED FARMWORKERS	PERCENTAGE WORKING --					
	TOTAL	FEWER THAN 25 DAYS	25-74 DAYS	75-149 DAYS	150-249 DAYS	250 DAYS AND OVER
ALL WORKERS	100	39	24	12	11	14
ETHNIC GROUPS:						
WHITE	100	43	24	11	8	14
HISPANIC	100	28	29	17	17	17
BLACKS AND OTHERS	100	33	21	12	18	16
PRIMARY EPPLOYMENT STATUS:						
FARMWORK	100	19	7	14	28	41
HIRED FARMWORK	100	3	4	15	31	46
WITHOUT NONFARM WORK	100	3	4	12	31	50
WITH NONFARM WORK	100	4	5	30	33	28
OTHER FARMWORK 1/	100	44	24	8	13	11
NONFARM WORK	100	61	28	10	2	0
UNEMPLOYMENT	100	47	25	23	4	0
NOT IN LABOR FORCE	100	50	34	11	3	3
KEEPING HOUSE	100	53	33	11	3	0
ATTENDING SCHOOL	100	50	34	10	3	4
OTHER	100	45	38	13	2	1
SEX AND AGE:						
MALES	100	36	23	13	12	17
14 - 17 YEARS	100	49	34	9	3	5
18 - 24 YEARS	100	33	23	16	11	15
25 - 34 YEARS	100	35	14	10	17	25
35 - 44 YEARS	100	24	20	9	11	36
45 - 54 YEARS	100	17	10	13	26	34
55 - 64 YEARS	100	29	13	14	21	23
65 YEARS & OVER	100	29	22	21	10	16
FEMALES	100	48	30	9	8	4
14 - 17 YEARS	100	66	30	3	3	4
18 - 24 YEARS	100	43	39	6	10	2
25 - 34 YEARS	100	45	26	10	14	7
35 - 44 YEARS	100	46	25	16	9	2
45 - 54 YEARS	100	37	32	16	14	0
55 - 64 YEARS 3/	--	--	--	--	--	--
65 YEARS & OVER 3/	--	--	--	--	--	--
RESIDENCE:						
FARM	100	27	20	12	13	27
NONFARM	100	42	26	12	10	10
MIGRATORY STATUS:						
MIGRATORY	100	28	30	10	11	12
NONMIGRATORY	100	48	23	11	11	14
STANDARD FEDERAL REGIONS:						
I	100	26	35	17	12	10
II	100	40	21	10	11	18
III	100	37	25	11	8	20
IV	100	38	25	8	13	16
V	100	42	22	9	8	19
VI	100	34	28	13	13	13
VII	100	57	21	9	4	9
VIII	100	31	28	20	9	12
IX	100	23	23	20	19	15
X	100	54	21	12	5	8
FOUR CENSUS REGIONS:						
NORTHEAST	100	31	26	12	11	17
NORTH CENTRAL	100	47	23	9	7	14
SOUTH	100	37	26	10	12	15
WEST	100	34	23	18	13	13

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ ESTIMATE WAS LESS THAN 500.
3/ PERCENTAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000 PERSONS.

TABLE A-7. ALL HIRED FARMWORKERS: AVERAGE NUMBER OF DAYS WORKED AND EARNINGS, BY SELECTED DEMOGRAPHIC CHARACTERISTICS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	FARM AND NONFARM			FARM EARNINGS		WORKERS WHO DID HIRED FARMWORK ONLY			
		DAYS WORKED	DOLLARS EARNED				THOUSANDS OF WORKERS	DAYS WORKED	DOLLARS EARNED	
			DAILY	ANNUAL	DAILY	ANNUAL			DAILY	ANNUAL
ALL WORKERS	2738	145	22.46	3265	20.51	1913	1599	123	21.88	2589
ETHNIC GROUPS:										
WHITES	1974	146	22.39	3266	19.54	1672	1044	118	19.97	2347
HISPANICS	294	151	23.56	3567	24.03	2838	283	136	24.61	3354
BLACKS AND OTHERS	462	139	22.08	3060	21.33	2355	351	132	21.60	2861
MALES	2092	162	23.36	3780	21.11	2287	1284	143	21.45	3061
WHITES	1587	159	23.37	3704	20.32	1889	834	131	20.58	2700
HISPANICS	191	179	24.58	4398	24.78	3571	130	170	25.26	4301
BLACKS AND OTHERS	313	171	22.55	3846	21.47	2983	240	168	21.72	3645
FEMALES	636	98	17.16	1558	16.85	948	396	64	17.97	1150
WHITES	387	94	15.64	1473	14.16	782	210	64	14.91	948
HISPANICS	102	99	20.23	2312	21.87	1446	74	77	22.86	1698
BLACKS AND OTHERS	149	74	19.36	1433	20.55	1037	112	56	20.82	1174
AGE (ALL WORKERS):										
14-17 YEARS	776	67	11.88	798	11.45	531	498	53	11.62	617
18-24 YEARS	749	178	22.94	3998	21.46	1994	328	148	22.19	3097
25-34 YEARS	476	208	26.73	5342	23.83	2621	237	171	23.33	4088
35-44 YEARS	244	173	25.56	4415	23.98	2913	169	153	24.45	3729
45-54 YEARS	205	198	23.98	4566	22.84	3216	143	180	22.45	4041
55-64 YEARS	162	171	22.39	3834	20.99	2941	133	148	21.86	3377
65 YEARS & OVER	119	112	18.13	2826	18.12	1971	99	119	18.27	2166
MALES:										
14-17 YEARS	594	78	11.61	818	11.92	588	383	99	11.78	695
18-24 YEARS	588	186	23.56	4384	21.91	2271	249	164	22.71	3713
25-34 YEARS	360	236	27.71	6378	23.58	3058	167	208	23.77	4931
35-44 YEARS	161	222	26.52	5898	24.47	3799	107	208	24.96	5198
45-54 YEARS	144	228	24.91	5669	22.35	3995	100	222	22.70	5049
55-64 YEARS	145	174	23.29	4047	21.98	3074	117	161	22.84	3549
65 YEARS & OVER	99	118	18.48	2186	18.43	2038	81	128	18.61	2386
FEMALES:										
14-17 YEARS	182	59	8.64	511	9.58	369	107	32	10.56	335
18-24 YEARS	160	112	19.22	2162	17.88	973	79	64	18.88	2161
25-34 YEARS	116	106	20.12	2137	19.60	1269	70	84	20.71	1735
35-44 YEARS	83	76	20.05	1515	20.88	1199	63	59	21.36	1250
45-54 YEARS 1/	61	162	19.09	1950	20.13	1369	43	--	--	--
55-64 YEARS 1/	17	--	--	--	--	--	15	--	--	--
65 YEARS & OVER 1/	19	--	--	--	--	--	17	--	--	--
HOUSEHOLD AND MIGRANT STATUS:										
HOUSEHOLD HEADS	1887	212	26.83	5519	23.15	4126	613	193	23.49	4543
MIGRATORY 1/	78	209	26.47	5533	24.24	5171	35	--	--	--
NONMIGRATORY	1809	213	25.96	5518	23.37	4123	578	195	23.39	4568
OTHER HOUSEHOLD MEMBERS	1644	101	17.55	1775	16.92	1119	986	88	17.26	1373
MIGRATORY	113	122	20.82	2536	21.93	1135	63	93	23.33	2179
NONMIGRATORY	1531	100	17.25	1719	16.49	1172	923	79	16.76	1318
YEARS OF EDUCATION COMPLETED BY WORKERS 25 AND OVER	1205	188	24.93	4693	22.29	2753	781	160	22.52	3610
0 - 4 YEARS	194	178	20.58	3581	20.53	3183	164	173	20.66	3556
5 - 8 YEARS	340	172	23.87	3957	22.71	3293	264	162	22.69	3683
9 - 11 YEARS	185	168	22.85	3646	21.47	2578	138	143	22.89	3156
12 YEARS	384	189	26.68	5853	23.42	2982	167	158	24.83	3785
13 YEARS & OVER	182	213	30.42	6478	25.28	1934	58	163	24.18	3945

1/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000 PERSONS.

TABLE A-8. ALL HIRED FARMWORKERS: AVERAGE NUMBER OF DAYS WORKED AND EARNINGS, BY SELECTED EMPLOYMENT CHARACTERISTICS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	FARM AND NONFARM: DAYS WORKED	FARM AND NONFARM: DOLLARS EARNED DAILY	FARM AND NONFARM: DOLLARS EARNED ANNUAL	FARM EARNINGS: DAILY	FARM EARNINGS: ANNUAL	WORKERS WHO DID HIRED FARMWORK ONLY: THOUSANDS OF WORKERS	WORKERS WHO DID HIRED FARMWORK ONLY: DAYS WORKED	WORKERS WHO DID HIRED FARMWORK ONLY: DOLLARS EARNED DAILY	WORKERS WHO DID HIRED FARMWORK ONLY: DOLLARS EARNED ANNUAL
ALL WORKERS	2730	145	22.46	3265	20.51	1913	1599	123	21.80	2588
PRIMARY EMPLOYMENT STATUS:										
FARMWORK	871	217	22.63	4916	22.53	4888	721	213	22.67	4827
HIRED FARMWORK	734	239	22.74	5427	22.71	5173	616	235	22.83	5356
WITHOUT NONFARM WORK	616	235	22.83	5356	22.83	5356	616	235	22.83	5356
WITH NONFARM WORK	118	268	22.31	5796	21.94	4221				
OTHER FARMWORK 1/	137	102	21.22	2172	19.68	1572	104	85	20.86	1784
NONFARM WORK	444	241	28.89	6977	20.83	541				
UNEMPLOYMENT 2/	52	79	22.45	1777	18.18	782	23	--	--	--
NOT IN LABOR FORCE	1364	71	14.96	1058	14.73	649	846	58	14.94	741
KEEPING HOUSE	238	49	15.84	778	16.63	593	178	36	16.98	609
ATTENDING SCHOOL	981	79	14.12	1063	13.91	642	570	54	13.86	744
OTHER	145	76	19.68	1495	18.12	791	98	51	19.04	978
DAYS OF FARMWORK:										
LESS THAN 25 DAYS	1056	87	24.64	2142	17.92	169	466	9	15.58	144
25-74 DAYS	667	102	22.04	2252	17.52	782	359	45	16.62	750
75-149 DAYS	322	148	23.58	3488	20.45	2172	292	106	20.89	2136
150-249 DAYS	295	222	22.37	4967	22.18	4449	223	206	23.58	4845
250 DAYS AND OVER	391	317	20.72	6563	20.69	6449	350	312	20.97	6549
NONFARM RESIDENCE	2892	141	23.32	3295	21.00	1657	1096	108	21.70	2345
LESS THAN 25 DAYS	885	98	24.96	2434	17.78	158	343	18	19.27	196
25-74 DAYS	539	108	22.36	2408	17.57	788	275	46	16.56	755
75-149 DAYS	243	157	24.43	3838	21.87	2243	138	106	21.17	2248
150-249 DAYS	209	222	22.88	5077	22.51	4484	152	201	24.28	4886
250 DAYS AND OVER	216	309	21.73	6711	21.67	6598	188	305	21.96	6694
MALES:										
LESS THAN 25 DAYS	748	100	16.15	2627	15.95	171	288	9	16.56	157
25-74 DAYS	473	113	23.52	2648	17.95	811	245	46	16.71	767
75-149 DAYS	267	155	24.26	3768	29.41	2219	159	108	28.48	2198
150-249 DAYS	241	225	22.80	5136	22.38	4527	182	206	23.73	4891
250 DAYS AND OVER	363	317	21.49	6787	21.37	6671	330	313	21.45	6713
FEMALES:										
LESS THAN 25 DAYS	308	54	17.81	963	15.33	134	178	9	13.98	125
25 - 74 DAYS	194	77	16.75	1290	16.42	712	113	43	16.41	713
75 DAYS AND OVER	136	191	16.98	3245	17.16	3129	104	188	18.73	3372
MIGRATORY STATUS AND DAYS OF FARMWORK:										
MIGRATORY	191	157	23.88	3761	23.22	2263	99	119	24.33	2882
LESS THAN 25 DAYS 2/	39	--	--	--	--	--	9	--	--	--
25 - 74 DAYS 2/	73	111	18.13	2022	16.30	796	39	--	--	--
75 - 149 DAYS 2/	35	--	--	--	--	--	22	--	--	-
150 DAYS AND OVER 2/	44	--	--	--	--	--	29	--	--	-
NONMIGRATORY	2540	144	22.34	3220	20.30	1985	1501	124	20.79	2569
LESS THAN 25 DAYS	1917	85	24.50	2091	17.71	159	457	9	15.75	146
25 - 149 DAYS	881	116	22.78	2652	18.83	1299	499	66	18.39	1219
150 - 249 DAYS	274	223	22.38	4995	22.19	4503	289	207	23.48	4858
250 DAYS AND OVER	368	316	20.33	6432	20.31	6336	335	313	20.65	6460

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.

TABLE A-9. ALL HIRED FARMWORKERS: AVERAGE NUMBER OF DAYS WORKED AND EARNINGS, BY REGIONS AND RACIAL ETHNIC GROUPS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	FARM AND NONFARM: DAYS WORKED	FARM AND NONFARM: DOLLARS EARNED DAILY	FARM AND NONFARM: DOLLARS EARNED ANNUAL	FARM EARNINGS: DAILY	FARM EARNINGS: ANNUAL	WORKERS WHO DID (HIRED) FARMWORK ONLY: THOUSANDS OF WORKERS	WORKERS WHO DID (HIRED) FARMWORK ONLY: DAYS WORKED	WORKERS WHO DID (HIRED) FARMWORK ONLY: DOLLARS EARNED DAILY	WORKERS WHO DID (HIRED) FARMWORK ONLY: DOLLARS EARNED ANNUAL
ALL WORKERS	2738	145	22.46	3265	20.51	1913	1599	125	21.88	2569
FOUR CENSUS REGIONS:										
NORTHEAST	214	157	19.54	2977	15.68	1625	127	127	16.16	2847
WHITES	208	154	19.57	3087	15.52	1621	121	124	16.08	2856
HISPANICS 1/	4	--	--	--	--	--	4	--	--	-
BLACKS AND OTHERS 1/	2	--	--	--	--	--	2	--	--	--
NORTH CENTRAL	730	143	21.65	3104	18.28	1589	382	121	18.89	2284
WHITES	709	144	21.69	3131	18.24	1627	371	123	18.85	2320
HISPANICS 1/	13	--	--	--	--	--	9	--	--	--
BLACKS AND OTHERS 1/	8	--	--	--	--	--	6	--	--	--
SOUTH	1150	146	21.34	3118	20.00	1911	726	121	20.22	2444
WHITES	653	147	21.60	3190	19.70	1633	366	109	20.27	2211
HISPANICS	102	154	20.26	3120	20.97	2292	65	121	19.13	2316
BLACKS AND OTHERS	395	142	21.05	2999	20.13	2274	300	135	20.37	2755
WEST	636	144	26.48	3813	25.49	2475	362	129	26.35	3389
WHITES	403	142	26.48	3762	24.19	2818	187	117	24.49	2857
HISPANICS	175	153	26.05	3997	25.95	3305	132	146	27.09	3965
BLACKS AND OTHERS 1/	58	126	28.75	3611	28.71	3150	44	--	--	--
STANDARD FEDERAL REGIONS:										
REGION I 1/	75	154	29.71	3169	15.76	1417	37	--	--	--
WHITES 1/	73	154	28.88	3219	15.65	1395	35	--	--	--
HISPANICS 1/	2	--	--	--	--	--	2	--	--	--
BLACKS AND OTHERS	2/ 0									
REGION II	81	149	23.84	3118	14.68	1597	51	134	15.63	2092
WHITES 1/	77	152	24.91	3183	14.92	1506	47	--	--	--
HISPANICS 1/	2	--	--	--	--	--	2	--	--	--
BLACKS AND OTHERS 1/	2	--	--	--	--	--	2	--	--	--
REGION III	153	160	17.88	2852	15.42	1589	98	130	16.48	2135
WHITES	127	155	17.69	2748	15.68	1606	76	128	17.29	2219
HISPANICS	8									
BLACKS AND OTHERS 1/	25	--	--	--	--	--	16	--	--	-
REGION IV	706	139	21.11	2928	20.46	2811	486	123	20.63	2529
WHITES	380	128	21.11	2705	19.54	1498	232	98	20.88	1954
HISPANICS 1/	17	--	--	--	--	--	10	--	--	-
BLACKS AND OTHERS	309	149	23.84	3895	20.67	2525	244	144	20.84	2995
REGION V	400	146	21.11	3076	18.39	1923	236	138	19.46	2682
WHITES	394	148	21.14	3123	18.38	1850	232	140	19.46	2731
HISPANICS 1/	4	--	--	--	--	--	2	--	--	--
BLACKS AND OTHERS 1/	2	--	--	--	--	--	0			
REGION VI	364	157	22.36	3508	20.43	1993	198	115	20.89	2408
WHITES	209	180	23.22	4184	21.48	2857	101	151	22.86	2998
HISPANICS	93	146	19.86	2786	18.87	1952	58	114	17.31	1969
BLACKS AND OTHERS 1/	62	94	24.54	2307	19.84	1537	40	--	--	--
REGION VII	277	148	22.56	3166	18.13	1101	116	95	17.98	1692
WHITES	267	148	22.58	3162	18.19	1199	111	95	17.82	1701
HISPANICS 1/	7	--	--	--	--	--	3	--	--	--
BLACKS AND OTHERS 1/	4	--	--	--	--	--	3	--	--	--
REGION VIII	172	156	22.67	3543	18.47	1726	80	116	16.78	1945
WHITES	159	157	22.88	3587	19.99	1766	75	119	16.92	1954
HISPANICS 1/	10	--	--	--	--	--	5	--	--	--
BLACKS AND OTHERS 1/	2	--	--	--	--	--	1	--	--	--
REGION IX	301	155	28.23	4379	28.11	3349	211	144	28.34	4069
WHITES	108	154	29.68	4562	28.17	2878	61	126	27.11	3423
HISPANICS	145	160	26.73	4278	27.14	3591	111	155	27.92	4336
BLACKS AND OTHERS 1/	48	--	--	--	--	--	39	--	--	--
REGION X	202	115	24.28	3035	24.78	1479	94	98	27.24	2463
WHITES	181	121	25.62	3219	25.83	1493	77	97	27.61	2678
HISPANICS 1/	14	--	--	--	--	--	13	--	--	--
BLACKS AND OTHERS 1/	8	--	--	--	--	--	4	--	--	--

1/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000 PERSONS.
2/ ESTIMATE WAS LESS THAN 500.

TABLE A-19. HIRED FARMWORKERS WHO DID BOTH FARM AND NONFARM WORK: AVERAGE NUMBER OF DAYS WORKED AND EARNINGS, BY SELECTED DEMOGRAPHIC CHARACTERISTICS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	FARMWORK			NONFARM WORK			ALL WORK		
		AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL	AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL	AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL
ALL WORKERS	1131	51	18.82	957	104	25.94	3264	177	23.89	4202
ETHNIC GROUP AND SEX:										
WHITES	938	50	18.42	914	104	26.42	3384	170	24.19	4290
HISPANICS	99	76	21.66	1646	109	22.82	2488	185	21.87	4065
BLACKS AND OTHERS	111	41	18.62	758	121	24.53	2967	162	23.04	3725
MALES	889	53	19.87	1058	136	27.45	3724	189	25.51	4774
WHITES	753	51	19.54	992	139	27.69	3823	189	25.51	4814
HISPANICS	62	69	22.83	1531	109	23.77	2573	197	23.34	4603
BLACKS AND OTHERS	74	45	18.42	836	135	27.21	3675	179	25.87	4498
FEMALES	243	44	14.17	619	90	17.67	1581	133	16.93	2232
WHITES	177	45	12.92	586	85	17.74	1512	131	16.87	2207
HISPANICS 1/	29	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 1/	37	--	--	--	--	--	--	--	--	--
SEX AND AGE (ALL WORKERS):										
14-17 YEARS	207	35	10.99	383	97	10.01	966	91	10.38	949
18-24 YEARS	421	57	19.09	1133	137	24.88	3407	194	23.36	4548
25-34 YEARS	239	57	22.12	1251	172	31.62	5423	228	29.26	6674
35-44 YEARS	74	53	20.29	1078	166	29.56	4902	219	27.33	5972
45-54 YEARS	62	67	19.49	1304	148	30.36	4479	214	26.97	5765
55-64 YEARS 1/	29	--	--	--	--	--	--	--	--	--
65 YEARS AND OVER 1/	29	--	--	--	--	--	--	--	--	--
MALES:										
14-17 YEARS	212	30	12.42	372	99	10.98	643	89	11.61	1015
18-24 YEARS	340	60	20.31	1215	145	25.63	3661	205	24.06	4876
25-34 YEARS	193	62	23.02	1416	188	33.05	6196	249	30.57	7615
35-44 YEARS	55	52	29.69	1682	198	51.25	6200	251	29.05	7282
45-54 YEARS 1/	44	--	--	--	--	--	--	--	--	--
55-64 YEARS 1/	28	--	--	--	--	--	--	--	--	--
65 YEARS AND OVER 1/	18	--	--	--	--	--	--	--	--	--
FEMALES:										
14-17 YEARS	75	49	6.52	416	49	6.33	546	98	7.75	762
18-24 YEARS	81	45	17.60	793	114	20.49	2343	159	19.67	3137
25-34 YEARS 1/	46	--	--	-	--	--	--	--	--	--
35-44 YEARS 1/	20	--	--	--	--	--	--	--	--	--
45-54 YEARS 1/	17	--	--	--	--	--	--	--	--	--
55-64 YEARS 1/	2	--	--	--	--	--	--	--	--	--
65 YEARS AND OVER 1/	2	--	--	--	--	--	--	--	--	--
HOUSEHOLD & MIGRANT STATUS:										
HOUSEHOLD HEADS	474	59	21.76	1293	177	33.97	5491	237	28.66	6794
MIGRATORY 1/	42	--	--	--	--	--	--	--	--	--
NONMIGRATORY	431	55	21.55	1187	181	34.84	5655	236	28.82	6792
OTHER HOUSEHOLD MEMBERS	658	45	16.81	756	89	18.71	1661	133	17.81	2377
MIGRATORY	53	51	18.65	943	107	19.85	2065	156	18.95	2959
NONMIGRATORY	668	44	15.77	697	87	19.69	1630	131	17.79	2327
YEARS OF EDUCATION COMPLETED BY WORKERS 25 AND OVER	629	96	31.85	1171	161	33.68	4949	217	28.21	6123
0-4 YEARS 1/	31	--	--	--	--	--	--	--	--	--
5-8 YEARS	76	82	22.85	1865	122	25.33	3963	203	24.14	4938
9-11 YEARS	93	66	18.38	1212	133	27.85	3638	199	24.15	4817
12 YEARS	139	44	23.83	927	181	30.86	5640	227	28.87	6515
13 YEARS & OVER	129	46	21.58	998	190	35.06	6666	236	32.45	7661

1/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.

TABLE A-11. HIRED FARMWORKERS WHO DID BOTH FARM AND NONFARM WORK: AVERAGE NUMBER OF DAYS WORKED AND EARNINGS, BY SELECTED EMPLOYMENT CHARACTERISTICS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	FARMWORK			NONFARM WORK			ALL WORK		
		AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL	AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL	AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL
ALL WORKERS	1131	51	18.82	957	126	29.99	3264	177	23.89	4222
PRIMARY EMPLOYMENT STATUS:										
FARMWORK	158	165	21.62	3561	73	24.28	1783	238	22.44	5344
HIRED FARMWORK	118	192	21.94	4221	67	23.59	1579	260	22.31	5796
WITHOUT NONFARM WORK	--	--	--	--	--	--	--	--	--	--
WITH NONFARM WORK	1131	51	18.82	957	126	29.94	3264	177	23.89	4222
OTHER FARMWORK 1/	32	--	--	--	--	--	--	--	--	--
NONFARM WORK	434	31	20.01	626	214	30.25	6484	246	28.94	7111
UNEMPLOYMENT 2/	29	--	--	--	--	--	--	--	--	--
NOT IN LABOR FORCE	518	35	14.26	498	70	15.34	1077	105	14.98	1575
KEEPING HOUSE	60	35	15.83	561	92	13.71	709	97	14.57	1270
ATTENDING SCHOOL	410	36	14.81	501	70	14.46	1885	105	14.31	1516
OTHER 2/	47	--	--	--	--	--	--	--	--	--
RESIDENCE, SEX, AND DAYS OF FARMWORK:										
ALL WORKERS:										
LESS THAN 25 DAYS	590	9	19.90	172	140	29.41	3547	148	25.89	3719
25-74 DAYS	308	44	18.59	820	129	25.54	3179	169	23.72	3998
75-149 DAYS	129	106	21.86	2232	113	31.19	3531	219	26.28	5763
150-249 DAYS	72	189	17.12	3228	84	25.03	2111	273	19.56	5336
250 DAYS AND OVER 2/	41	--	--	--	--	--	--	--	--	--
NONFARM RESIDENCE	996	47	19.22	908	131	26.26	3440	178	24.41	4360
LESS THAN 25 DAYS	542	8	19.59	165	145	25.69	3717	153	25.35	3882
25-74 DAYS	264	44	18.66	823	128	29.77	3384	172	25.95	4127
75-149 DAYS	185	107	20.93	2246	116	31.53	3667	224	26.44	5914
150-249 DAYS	57	190	17.54	3330	86	29.98	2247	277	20.18	5586
250 DAYS AND OVER 2/	27	--	--	--	--	--	--	--	--	-
MALES:										
LESS THAN 25 DAYS	460	9	20.57	179	149	26.86	3998	157	26.51	4171
25-74 DAYS	227	44	19.33	858	148	27.26	3819	184	25.35	4677
75-149 DAYS	168	105	21.44	2251	120	31.41	5033	225	26.98	6085
150-249 DAYS	63	191	17.92	3417	93	26.50	2469	284	20.74	5896
250 DAYS AND OVER 2/	33	--	--	--	--	--	--	--	--	--
FEMALES:										
LESS THAN 25 DAYS	130	8	17.53	147	107	18.38	1967	116	16.23	2114
25 - 74 DAYS	81	43	16.44	710	91	17.17	1564	126	16.91	2995
75 DAYS AND OVER 2/	32	--	--	--	--	--	--	--	--	-
MIGRATORY STATUS AND DAYS OF FARMWORK:										
MIGRATORY	92	75	21.34	1600	124	24.95	3101	199	23.60	4702
LESS THAN 25 DAYS 2/	30	--	--	--	--	--	--	--	--	--
25-74 DAYS 2/	34	--	--	--	--	--	--	--	--	--
75-149 DAYS 2/	13	--	--	--	--	--	--	--	--	--
150 DAYS AND OVER 2/	15	--	--	--	--	--	--	--	--	-
NONMIGRATORY	1039	49	18.48	908	126	26.33	3279	175	23.92	4179
LESS THAN 25 DAYS	560	9	19.41	168	134	25.29	3511	147	24.95	3674
25-149 DAYS	381	61	19.45	1196	121	27.64	3333	182	24.67	4533
150-249 DAYS	64	190	17.62	3348	86	24.29	2092	276	19.78	5459
250 DAYS AND OVER 2/	33	--	--	--	--	--	--	--	--	--

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY.
2/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.

TABLE A-12. HIRED FARMWORKERS WHO DID BOTH FARM AND NONFARM WORK: AVERAGE NUMBER OF DAYS WORKED AND EARNINGS, BY REGIONS AND RACIAL/ETHNIC GROUPS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	FARMWORK			NONFARM WORK			ALL WORK		
		AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL	AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL	AVERAGE DAYS WORKED	DOLLARS EARNED DAILY	DOLLARS EARNED ANNUAL
ALL WORKERS	1131	91	10.82	957	126	25.94	3264	177	23.89	4222
FOUR CENSUS REGIONS:										
NORTHEAST	88	72	14.16	1018	116	28.89	3302	189	22.88	4328
WHITES	87	72	14.12	1014	114	29.17	3312	189	22.84	4326
HISPANICS	1/ 0									
BLACKS AND OTHERS	0									
NORTH CENTRAL	348	41	16.22	658	127	26.37	3347	168	23.91	4005
WHITES	336	41	16.21	659	127	26.44	3361	168	23.96	4029
HISPANICS 2/	8	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
SOUTH	422	52	19.14	992	136	23.86	3299	195	22.57	4232
WHITES	288	50	19.10	898	146	24.22	3537	196	22.67	4435
HISPANICS 2/	39	--	--	--	--	--	--	--	--	-
BLACKS AND OTHERS	95	43	17.72	756	122	24.63	3015	165	22.83	3769
WEST	274	56	22.71	1265	109	29.64	3108	164	26.63	4373
WHITES	217	55	23.63	1296	110	29.53	3244	165	27.56	4543
HISPANICS 2/	43	--	--	--	--	--	--	--	--	-
BLACKS AND OTHERS 2/	14	--	--	--	--	--	--	--	--	--
STANDARD FEDERAL REGIONS:										
REGION I 2/	38	--	--	--	--	--	--	--	--	--
WHITES 2/	37	--	--	--	--	--	--	--	--	--
HISPANICS	0									
BLACKS AND OTHERS	0									
REGION II 2/	39	--	--	--	--	--	--	--	--	--
WHITES 2/	38	--	--	--	--	--	--	--	--	--
HISPANICS	3									
BLACKS AND OTHERS	0									
REGION III	62	65	12.32	795	139	22.37	3099	203	19.18	3895
WHITES	53	67	11.53	771	125	21.63	2780	192	18.11	3471
HISPANICS	0									
BLACKS AND OTHERS 2/	9	--	--	--	--	--	--	--	--	--
REGION IV	220	45	19.45	875	129	22.69	2933	174	21.85	3808
WHITES	148	43	17.69	766	133	25.62	3439	176	22.87	3675
HISPANICS 2/	7	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	65	41	18.47	755	126	21.64	2719	167	20.86	3475
REGION V	164	44	13.46	586	113	26.94	3056	157	23.20	3642
WHITES	162	44	13.45	591	114	27.02	3092	156	23.26	3663
HISPANICS 2/	2	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	0									
REGION VI	166	66	19.46	1275	149	25.19	3526	205	23.36	4801
WHITES	108	63	18.83	1191	163	25.20	4105	226	23.42	5296
HISPANICS 2/	35	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	22	--	--	--	--	--	--	--	--	--
REGION VII	161	36	18.75	676	137	25.95	3551	173	24.45	4226
WHITES	156	36	18.89	673	136	25.91	3528	172	24.45	4201
HISPANICS 2/	4	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	1	--	--	--	--	--	--	--	--	--
REGION VIII	92	73	20.83	1530	116	29.69	3415	192	25.80	4944
WHITES	84	74	21.69	1598	121	28.49	3451	195	25.92	5049
HISPANICS 2/	6	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	1	--	--	--	--	--	--	--	--	--
REGION IX	90	62	26.86	1662	120	23.52	3414	182	27.95	5076
WHITES 2/	47	--	--	--	--	--	--	--	--	--
HISPANICS 2/	34	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	9	--	--	--	--	--	--	--	--	--
REGION X	109	33	19.00	632	184	27.49	2895	137	25.73	3527
WHITES	103	32	19.25	617	106	29.17	2994	138	26.10	3612
HISPANICS 2/	1	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	4	--	--	--	--	--	--	--	--	--

1/ ESTIMATE WAS LESS THAN 500.
2/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.

TABLE A-13. ALL HIRED FARMWORKERS: PERCENTAGE DISTRIBUTION OF DAILY FARM EARNINGS BY SELECTED CHARACTERISTICS AND REGIONS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PROPORTION OF DAILY FARM EARNINGS -- LESS THAN $8.00	$8.00-10.99	$11.00-13.99	$14.00-16.99	$17.00-19.99	$20.00-22.99	$23.00-25.99	$26.00 AND OVER	MEDIAN EARNINGS
ALL WORKERS	2730	12	13	9	13	10	13	10	18	17.78
ETHNIC GROUPS AND SEX:										
WHITES	1974	15	13	10	13	9	13	10	18	16.94
HISPANICS	294	6	13	7	14	7	15	11	27	20.47
BLACKS AND OTHERS	462	7	12	9	15	15	15	10	16	18.58
MALES	2094	11	14	9	11	9	13	11	21	18.31
WHITES	1587	13	14	10	11	8	13	11	20	17.64
HISPANICS	191	4	15	5	13	7	15	11	31	21.53
BLACKS AND OTHERS	313	6	14	8	12	14	16	11	19	19.86
FEMALES	638	16	10	11	19	12	14	9	10	16.26
WHITES	387	21	11	8	19	12	14	7	8	15.47
HISPANICS	102	10	9	15	16	7	15	12	16	18.23
BLACKS AND OTHERS	149	10	8	17	20	15	14	10	9	16.75
PRIMARY EMPLOYMENT STATUS:										
FARMWORK	871	8	6	7	10	11	15	13	29	20.89
HIRED FARMWORK	734	6	6	7	10	11	16	14	30	21.23
WITHOUT NONFARM WORK	616	6	6	7	9	12	16	14	31	21.12
WITH NONFARM WORK	118	6	4	7	17	9	15	15	28	21.63
OTHER FARMWORK 1/	137	14	8	8	8	12	15	10	25	19.92
NONFARM WORK	444	9	13	8	12	6	16	12	24	20.13
UNEMPLOYMENT	52	3	22	5	22	2	20	6	21	16.99
NOT IN LABOR FORCE	1364	17	17	12	15	10	11	8	10	15.10
KEEPING HOUSE	238	12	13	14	22	9	11	10	9	15.28
ATTENDING SCHOOL	981	19	19	12	11	10	12	7	9	14.38
OTHER	145	13	17	9	16	10	8	11	17	15.58
AGE:										
14-17 YEARS	776	24	19	12	15	9	10	6	5	12.51
18-24 YEARS	749	10	12	8	11	11	15	13	22	19.45
25-34 YEARS	476	6	12	7	14	9	16	9	27	20.24
35-44 YEARS	244	5	5	14	13	9	14	12	27	20.42
45-54 YEARS	205	4	10	8	11	14	18	15	20	20.39
55-64 YEARS	162	11	11	9	15	7	13	9	23	18.51
65 YEARS & OVER	419	15	10	9	13	7	9	17	19	18.58
DURATION OF FARMWORK:										
LESS THAN 25 DAYS	1056	15	18	9	15	9	13	8	14	16.89
25-74 DAYS	667	12	15	11	14	10	14	9	14	16.47
75-149 DAYS	322	5	10	12	13	12	15	12	20	19.47
150-249 DAYS	295	9	8	5	11	11	18	14	25	20.54
250 DAYS AND OVER	391	15	3	11	8	8	10	13	32	21.22
HOUSEHOLD HEADS	1987	6	9	9	11	10	14	13	28	20.60
MIGRATORY	80	4	15	13	9	0	15	13	34	22.02
NONMIGRATORY	1906	6	9	9	11	10	14	13	28	20.54
OTHER HOUSEHOLD MEMBERS	1644	17	16	10	14	10	13	8	12	15.94
MIGRATORY	154	13	16	13	14	6	10	9	18	15.48
NONMIGRATORY	1490	17	16	10	14	10	13	8	11	16.00

CONTINUED

TABLE A-13. ALL HIRED FARMWORKERS: PERCENTAGE DISTRIBUTION OF DAILY FARM EARNINGS BY SELECTED CHARACTERISTICS AND REGIONS, 1977--CONTINUED

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PROPORTION OF DAILY FARM EARNINGS								MEDIAN EARNINGS
		LESS THAN $8.00	$8.00-10.99	$11.00-13.99	$14.00-16.99	$17.00-19.99	$20.00-22.99	$23.00-25.99	$26.00 AND OVER	
FOUR CENSUS REGIONS:										
NORTHEAST	214	20	19	5	16	10	12	9	9	15.37
WHITES	208	20	18	5	16	10	12	9	9	15.35
HISPANICS 2/	4	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
NORTH CENTRAL	730	17	11	12	12	10	11	8	20	16.79
WHITES	709	17	11	12	12	10	11	8	20	16.72
HISPANICS 2/	13	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	8	--	--	--	--	--	--	--	--	--
SOUTH	1150	10	15	13	15	11	15	10	13	16.96
WHITES	653	13	15	13	14	9	14	11	14	16.68
HISPANICS	102	5	18	9	20	11	18	7	13	16.84
BLACKS AND OTHERS	395	7	13	13	16	15	17	9	12	18.03
WEST	636	10	11	6	10	7	14	13	29	20.85
WHITES	403	11	12	7	10	7	16	12	25	20.22
HISPANICS	175	6	12	8	9	4	13	15	36	23.29
BLACKS AND OTHERS	58	11	2	9	5	11	5	20	41	25.40
STANDARD FEDERAL REGIONS:										
REGION I	75	22	12	5	15	9	19	6	11	16.35
WHITES	73	22	10	5	15	7	19	6	11	16.18
HISPANICS 2/	2	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	3/ 0									
REGION II	81	19	24	6	14	13	12	9	3	15.84
WHITES	77	20	23	6	14	14	10	10	3	15.85
HISPANICS 2/	2	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
REGION III	153	14	18	12	17	7	15	8	9	15.33
WHITES	127	14	21	11	17	6	12	9	10	15.13
HISPANICS	3/ 0									
BLACKS AND OTHERS 2/	25	--	--	--	--	--	--	--	--	--
REGION IV	736	12	15	13	17	11	12	9	14	16.43
WHITES	380	16	14	13	17	9	11	9	14	16.81
HISPANICS 2/	17	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	309	7	16	11	16	13	15	10	13	17.15
REGION V	400	22	11	13	13	7	9	10	16	14.93
WHITES	394	22	11	10	13	7	9	12	16	14.78
HISPANICS 2/	10	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
REGION VI	364	7	12	8	13	12	19	14	15	19.29
WHITES	209	7	12	9	9	10	17	18	19	20.27
HISPANICS	93	8	17	10	18	9	20	10	9	15.24
BLACKS AND OTHERS	62	4	6	5	19	24	22	7	12	19.81
REGION VII	277	9	9	12	11	16	13	5	24	18.22
WHITES	267	9	10	11	11	15	13	6	24	18.23
HISPANICS 2/	7	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	4	--	--	--	--	--	--	--	--	--
REGION VIII	172	10	15	7	13	7	13	13	21	18.61
WHITES	159	9	15	8	13	7	14	12	22	18.95
HISPANICS 2/	10	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
REGION IX	301	2	8	5	9	4	15	16	41	25.06
WHITES	108	1	9	4	11	4	20	14	37	24.11
HISPANICS	145	3	9	6	9	3	14	15	42	25.87
BLACKS AND OTHERS 2/	48	--	--	--	--	--	--	--	--	--
REGION X	202	20	14	9	7	8	14	8	19	16.91
WHITES	181	18	13	10	7	9	15	9	20	18.14
HISPANICS 2/	14	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	8	--	--	--	--	--	--	--	--	--

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.
3/ ESTIMATE WAS LESS THAN 500.

TABLE A-14. ALL HIRED FARMWORKERS: PERCENTAGE DISTRIBUTION OF TOTAL ANNUAL EARNINGS BY SELECTED CHARACTERISTICS AND REGIONS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PROPORTION OF TOTAL ANNUAL EARNINGS -- LESS THAN $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 AND OVER	MEDIAN EARNINGS
ALL WORKERS	2738	28	13	17	11	8	9	8	7	1612
ETHNIC GROUPS AND SEX:										
WHITES	1974	30	12	17	9	7	9	8	8	1440
HISPANICS	294	17	15	18	11	14	9	12	5	2576
BLACKS AND OTHERS	462	27	13	15	16	10	8	8	3	2010
MALES	2092	24	11	15	11	9	10	10	9	2307
WHITES	1587	27	11	17	10	7	10	9	10	1935
HISPANICS	191	14	9	15	10	18	12	15	7	4170
BLACKS AND OTHERS	313	17	11	14	19	13	9	12	5	3257
FEMALES	638	42	19	19	9	5	4	3	3/ 0	710
WHITES	387	45	18	17	7	6	4	2	0	678
HISPANICS	102	25	25	23	13	6	3	6	0	1012
BLACKS AND OTHERS	149	48	15	16	9	5	4	2	0	523
PRIMARY EMPLOYMENT STATUS:										
FARMWORK	871	10	4	12	17	16	17	17	7	4682
HIRED FARMWORK	734	4	3	12	17	18	24	18	8	5118
WITHOUT NONFARM WORK	616	5	3	13	17	17	19	18	8	5083
WITH NONFARM WORK	118	0	3	10	21	20	21	18	8	544
OTHER FARMWORK 1/	137	44	11	15	16	4	2	8	2	747
NONFARM WORK	444	2	3	9	14	12	16	17	26	6373
UNEMPLOYMENT	52	19	28	30	17	2	0	0	4	1268
NOT IN LABOR FORCE	1364	48	20	21	5	3	1	1	0	538
KEEPING HOUSE	238	53	19	23	3	1	0	0	0	345
ATTENDING SCHOOL	981	49	21	19	4	2	2	1	0	517
OTHER	145	34	18	31	10	2	2	0	2	866
AGE:										
14-17 YEARS	776	57	22	16	4	1	1	0	0	421
18-24 YEARS	749	15	10	21	14	12	11	10	7	2960
25-34 YEARS	476	12	7	11	14	18	15	15	15	4794
35-44 YEARS	244	23	6	19	14	10	10	15	10	3414
45-54 YEARS	205	15	9	13	12	15	16	12	8	4220
55-64 YEARS	162	25	11	9	11	15	11	11	7	3084
65 YEARS & OVER	119	29	10	36	12	5	3	2	3	1353
DURATION OF FARMWORK:										
LESS THAN 25 DAYS	1056	57	9	9	6	4	5	4	7	343
25-74 DAYS	667	24	30	23	6	6	4	4	4	812
75-149 DAYS	322	1	8	45	22	7	5	5	7	2526
150-249 DAYS	295	1	2	11	28	25	18	10	5	4635
250 DAYS AND OVER	391	2	5	7	10	14	23	28	12	6657
HOUSEHOLD HEADS	1087	12	5	10	13	13	15	17	14	4982
MIGRATORY	80	9	7	3	29	11	14	17	15	5157
NONMIGRATORY	1006	12	5	11	13	14	15	17	14	4979
OTHER HOUSEHOLD MEMBERS	1644	39	18	21	9	5	5	3	2	794
MIGRATORY	154	17	30	22	9	11	7	2	3	1184
NONMIGRATORY	1490	41	16	20	9	5	5	3	1	733

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TABLE A-14. ALL HIRED FARMWORKERS: PERCENTAGE DISTRIBUTION OF TOTAL ANNUAL EARNINGS BY SELECTED CHARACTERISTICS AND REGIONS, 1977--CONTINUED

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PROPORTION OF TOTAL ANNUAL EARNINGS									MEDIAN EARNINGS
		LESS THAN $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 AND OVER		
FOUR CENSUS REGIONS:											
NORTHEAST	214	29	12	21	11	8	8	7	5		1421
WHITES	208	29	12	21	10	8	8	7	5		1489
HISPANICS 2/	4	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--		--
NORTH CENTRAL	730	34	12	13	7	6	7	7	9		1145
WHITES	709	34	12	17	7	6	7	8	9		1148
HISPANICS 2/	13	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS 2/	8	--	--	--	--	--	--	--	--		--
SOUTH	1150	27	13	16	13	9	10	7	5		1757
WHITES	653	29	12	15	12	7	11	7	6		1661
HISPANICS	102	14	17	23	11	16	9	4	5		1713
BLACKS AND OTHERS	395	28	14	14	14	10	8	9	3		1834
WEST	636	23	12	16	10	11	9	12	8		2497
WHITES	403	25	12	16	9	9	9	10	10		2091
HISPANICS	175	18	14	15	9	13	9	18	5		3464
BLACKS AND OTHERS	58	19	4	13	24	16	8	7	6		3165
STANDARD FEDERAL REGIONS:											
REGION I	75	31	9	17	12	8	6	11	4		1349
WHITES	73	32	10	16	12	9	7	11	5		1348
HISPANICS 2/	2	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS	3/ 0										
REGION II	81	27	9	23	16	7	4	4	9		1475
WHITES	77	26	10	24	14	7	4	4	9		1481
HISPANICS 2/	2	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--		--
REGION III	153	28	13	18	11	14	8	6	2		1631
WHITES	127	28	13	19	10	12	9	7	1		1689
HISPANICS	3/ 0										
BLACKS AND OTHERS 2/	25	--	--	--	--	--	--	--	--		--
REGION IV	786	31	11	15	14	8	10	7	4		1505
WHITES	380	36	10	15	13	6	11	5	4		1195
HISPANICS 2/	17	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS	389	27	12	15	15	10	9	11	2		1986
REGION V	400	39	10	17	5	5	6	8	9		1006
WHITES	394	38	10	19	5	6	6	8	9		1019
HISPANICS 2/	4	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--		--
REGION VI	364	20	18	17	9	9	12	8	8		2034
WHITES	209	16	16	17	9	7	14	10	12		2795
HISPANICS	93	16	20	20	7	19	13	5	0		1694
BLACKS AND OTHERS	62	37	24	12	11	3	5	3	5		657
REGION VII	277	28	16	13	8	7	7	7	9		1323
WHITES	267	29	16	17	8	7	7	7	9		1255
HISPANICS 2/	7	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS 2/	4	--	--	--	--	--	--	--	--		--
REGION VIII	172	18	15	20	13	13	8	6	8		2358
WHITES	159	18	14	20	12	13	8	7	8		2369
HISPANICS 2/	10	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--		--
REGION IX	331	16	9	14	15	12	10	16	8		3619
WHITES	108	24	5	13	15	6	12	15	11		3165
HISPANICS	145	13	14	14	10	15	9	20	5		3683
BLACKS AND OTHERS 2/	48	--	--	--	--	--	--	--	--		--
REGION X	202	38	15	14	4	5	7	9	9		988
WHITES	181	34	16	14	4	6	7	9	9		984
HISPANICS 2/	14	--	--	--	--	--	--	--	--		--
BLACKS AND OTHERS 2/	8	--	--	--	--	--	--	--	--		--

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.
3/ ESTIMATE WAS LESS THAN 500.

TABLE A-15. ALL HIRED FARMWORKERS: PERCENTAGE DISTRIBUTION OF ANNUAL FARM EARNINGS BY SELECTED CHARACTERISTICS AND REGIONS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PERCENTAGE OF WORKERS WITH ANNUAL FARM EARNINGS -- LESS THAN $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 AND OVER	MEDIAN EARNINGS
ALL WORKERS	2730	46	14	15	7	5	5	5	2	628
ETHNIC GROUPS AND SEX:										
WHITES	1974	58	13	15	6	4	5	3	2	493
HISPANICS	294	26	20	16	8	9	8	9	4	1325
BLACKS AND OTHERS	462	39	13	13	12	8	6	7	1	829
MALES	2092	42	12	17	8	6	6	6	3	762
WHITES	1507	48	12	17	6	4	6	4	2	578
HISPANICS	191	22	14	16	9	11	10	12	6	2174
BLACKS AND OTHERS	313	27	13	15	14	11	7	10	2	1947
FEMALES	638	57	20	13	5	4	1	1	3/ 0	342
WHITES	387	61	20	9	4	5	0	0	0	386
HISPANICS	102	33	33	17	6	4	3	3	0	821
BLACKS AND OTHERS	149	63	13	9	7	2	3	2	0	289
PRIMARY EMPLOYMENT STATUS:										
FARMWORK	871	13	5	14	16	15	16	15	6	4251
HIRED FARMWORK	734	5	3	14	18	17	18	17	7	4868
WITHOUT NONFARM WORK	616	5	3	13	17	17	19	18	8	5083
WITH NONFARM WORK	118	6	4	22	24	18	14	7	4	3667
OTHER FARMWORK 1/	137	51	15	13	9	5	1	5	1	483
NONFARM WORK	444	62	15	13	3	1	0	0	0	293
UNEMPLOYMENT	52	50	20	24	6	0	0	0	0	463
NOT IN LABOR FORCE	1364	61	20	15	2	1	0	0	0	311
KEEPING HOUSE	238	61	20	17	2	1	0	0	0	295
ATTENDING SCHOOL	981	63	20	15	2	1	1	0	0	384
OTHER	145	54	16	25	7	0	0	0	0	438
AGE:										
14-17 YEARS	776	66	19	11	2	0	3	0	0	266
18-24 YEARS	749	39	15	28	7	6	6	3	2	868
25-34 YEARS	476	41	9	13	10	8	8	9	2	992
35-44 YEARS	244	37	11	13	10	6	7	9	5	1194
45-54 YEARS	205	25	14	14	11	10	13	10	3	2829
55-64 YEARS	162	35	10	11	9	14	8	9	4	1563
65 YEARS & OVER	119	39	7	31	10	5	3	2	3	1153
DURATION OF FARMWORK:										
LESS THAN 25 DAYS	1056	95	4	1	0	0	0	0	0	103
25-74 DAYS	667	34	42	24	1	0	0	0	0	676
75-149 DAYS	322	2	10	56	21	5	2	1	0	1938
150-249 DAYS	295	1	4	15	27	26	16	7	3	4148
250 DAYS AND OVER	391	2	5	7	10	15	23	27	12	6554
HOUSEHOLD HEADS	1087	35	9	14	9	9	9	10	4	1563
MIGRATORY	80	29	8	23	11	9	9	6	6	1591
NONMIGRATORY	1006	35	9	13	9	9	9	11	4	1517
OTHER HOUSEHOLD MEMBERS	1644	53	18	15	6	3	3	1	0	443
MIGRATORY	154	28	35	13	8	4	5	1	1	777
NONMIGRATORY	1490	56	16	15	5	3	2	1	0	401

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TABLE A-15. ALL HIRED FARMWORKERS: PERCENTAGE DISTRIBUTION OF ANNUAL FARM EARNINGS BY SELECTED CHARACTERISTICS AND REGIONS, 1977--CONTINUED

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PERCENTAGE OF WORKERS WITH ANNUAL FARM EARNINGS								MEDIAN EARNINGS
		LESS THAN $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 AND OVER	
FOUR CENSUS REGIONS:										
NORTHEAST	214	45	13	28	12	3	6	2	0	657
WHITES	208	45	13	19	11	3	6	2	0	650
HISPANICS 2/	4	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
NORTH CENTRAL	730	56	12	13	5	3	4	3	2	482
WHITES	709	56	12	13	5	3	4	4	2	484
HISPANICS 2/	13	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	8	--	--	--	--	--	--	--	--	--
SOUTH	1159	44	14	15	7	6	5	4	2	645
WHITES	653	50	13	17	5	5	5	2	2	588
HISPANICS	102	25	23	24	9	8	8	8	5	1294
BLACKS AND OTHERS	395	40	14	13	10	8	6	8	0	751
WEST	636	37	17	12	8	8	6	8	3	872
WHITES	403	45	17	12	7	6	4	6	3	641
HISPANICS	175	24	21	11	7	10	8	15	4	1667
BLACKS AND OTHERS	58	29	5	13	21	8	8	7	5	2533
STANDARD FEDERAL REGIONS:										
REGION I	75	45	14	13	10	2	3	0	1	645
WHITES	73	47	15	12	20	2	3	0	1	615
HISPANICS 2/	2	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	3/ 0									
REGION II	81	51	10	17	11	5	4	2	0	498
WHITES	77	51	10	16	9	5	4	2	0	491
HISPANICS 2/	2	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
REGION III	153	43	15	24	2	6	7	2	0	652
WHITES	127	46	14	24	3	4	7	3	0	647
HISPANICS	3/ 0									
BLACKS AND OTHERS 2/	25	--	--	--	--	--	--	--	--	--
REGION IV	706	46	11	15	5	6	5	5	2	637
WHITES	380	55	10	17	6	4	5	2	2	417
HISPANICS 2/	17	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	309	37	14	12	11	8	6	10	1	937
REGION V	400	54	10	14	5	4	5	5	2	417
WHITES	394	54	10	15	5	4	5	5	2	431
HISPANICS 2/	4	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
REGION VI	364	39	20	17	5	6	7	2	2	682
WHITES	209	39	19	13	3	5	6	4	4	718
HISPANICS	93	26	26	23	7	9	12	0	0	892
BLACKS AND OTHERS	62	57	11	12	9	6	5	0	0	451
REGION VII	277	60	14	14	4	2	3	2	1	363
WHITES	267	61	14	13	4	2	3	2	1	352
HISPANICS 2/	7	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	4	--	--	--	--	--	--	--	--	--
REGION VIII	172	36	19	21	9	7	3	3	1	830
WHITES	159	36	19	21	9	8	3	3	1	827
HISPANICS 2/	19	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
REGION IX	301	26	17	9	11	10	8	12	5	2861
WHITES	108	37	15	6	11	9	7	8	5	991
HISPANICS	145	20	22	13	8	11	8	16	4	2035
BLACKS AND OTHERS 2/	48	--	--	--	--	--	--	--	--	--
REGION X	202	58	16	13	4	3	1	6	3	329
WHITES	181	57	17	13	4	3	2	5	3	410
HISPANICS 2/	14	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	8	--	--	--	--	--	--	--	--	--

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.
3/ ESTIMATE WAS LESS THAN 500.

TABLE A-16. HIRED FARMWORKERS WHO DID BOTH FARM AND NONFARM WORK: PERCENTAGE DISTRIBUTION OF ANNUAL NONFARM EARNINGS, BY SELECTED CHARACTERISTICS AND REGIONS, 1977

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PERCENTAGE OF WORKERS WITH ANNUAL NONFARM EARNINGS --								MEDIAN EARNINGS
		LESS THAN $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 AND OVER	
ALL WORKERS	1131	31	11	17	11	7	8	6	9	1614
ETHNIC GROUPS AND SEX:										
WHITES	930	32	10	15	10	6	9	7	10	1525
HISPANICS	90	19	19	29	10	11	2	4	2	1885
BLACKS AND OTHERS	111	33	11	15	17	7	7	2	9	1635
MALES	889	26	10	17	12	7	9	7	12	2288
WHITES	753	27	9	16	12	7	9	8	12	2239
HISPANICS	62	12	19	31	10	22	3	8	3	1855
BLACKS AND OTHERS	74	25	12	14	21	3	8	3	13	2482
FEMALES	243	48	15	16	6	5	4	4	1	536
WHITES	177	51	16	13	5	5	5	4	1	475
HISPANICS 2/	29	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	37	--	--	--	--	--	--	--	--	--
PRIMARY EMPLOYMENT STATUS:										
FARMWORK	150	26	23	27	13	5	2	1	2	1052
HIRED FARMWORK	110	24	26	31	10	6	1	0	1	1088
WITHOUT NONFARM WORK	1/ 8							1	1	1088
WITH NONFARM WORK	118	24	26	31	10	6	1	0	--	--
OTHER FARMWORK 1/ 2/	32	--	--	--	--	--	--	--	--	--
NONFARM WORK	434	4	2	13	17	12	18	15	23	5957
UNEMPLOYMENT 2/	29	--	--	--	--	--	--	--	--	--
NOT IN LABOR FORCE	518	54	15	13	6	4	2	1	1	485
KEEPING HOUSE	60	57	19	14	10	0	3	0	0	430
ATTENDING SCHOOL	410	56	14	17	5	4	2	1	0	339
OTHER 2/	47	--	--	--	--	--	--	--	--	--
AGE:										
14-17 YEARS	287	74	13	7	2	2	2	0	0	289
18-24 YEARS	421	19	12	23	15	10	10	8	6	2365
25-34 YEARS	239	11	7	13	13	6	12	9	24	4834
35-44 YEARS	74	10	10	23	11	7	7	19	14	2990
45-54 YEARS	62	14	13	13	18	10	6	2	17	3323
55-64 YEARS 2/	29	--	--	--	--	--	--	--	--	--
65 YEARS & OVER 2/	20	--	--	--	--	--	--	--	--	--
DURATION OF FARMWORK:										
LESS THAN 25 DAYS	590	31	11	14	10	7	9	7	11	1657
25-74 DAYS	388	32	9	15	14	7	7	7	8	1748
75-149 DAYS	126	25	12	17	11	11	8	5	18	2839
150-249 DAYS	72	28	14	32	15	2	4	2	3	1250
250 DAYS AND OVER 2/	41	--	--	--	--	--	--	--	--	--
HOUSEHOLD HEADS	474	7	9	15	17	10	12	11	20	4411
MIGRATORY 2/	42	--	--	--	--	--	--	--	--	--
NONMIGRATORY	431	7	9	13	17	10	13	11	21	4373
OTHER HOUSEHOLD MEMBERS	658	49	13	18	7	5	5	3	2	529
MIGRATORY	50	36	17	23	8	8	2	2	5	881
NONMIGRATORY	608	49	12	17	7	5	5	3	2	585

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TABLE A-16. HIRED FARMWORKERS WHO DID BOTH FARM AND NONFARM WORK: PERCENTAGE DISTRIBUTION OF ANNUAL NONFARM EARNINGS, BY SELECTED CHARACTERISTICS AND REGIONS, 1977--CONTINUED

SELECTED CHARACTERISTICS	THOUSANDS OF WORKERS	PERCENTAGE OF WORKERS WITH ANNUAL NONFARM EARNINGS -- LESS THAN $500	$500-999	$1,000-2,499	$2,500-3,999	$4,000-5,499	$5,500-7,499	$7,500-9,999	$10,000 AND OVER	MEDIAN EARNINGS
FOUR CENSUS REGIONS:										
NORTHEAST	88	33	10	21	2	12	8	2	12	1182
WHITES	87	33	10	21	2	12	8	2	12	1182
HISPANICS	3/ 0									
BLACKS AND OTHERS	3/ 0									
NORTH CENTRAL	348	39	8	14	8	4	6	9	12	1229
WHITES	338	38	8	14	8	4	6	9	12	1225
HISPANICS 2/	8	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	2	--	--	--	--	--	--	--	--	--
SOUTH	422	24	11	18	18	7	10	5	8	2346
WHITES	288	22	10	15	18	8	12	7	8	2641
HISPANICS 2/	39	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	95	39	13	17	19	2	8	2	9	1648
WEST	274	31	15	16	7	8	8	7	8	1168
WHITES	217	32	14	15	7	5	9	7	10	1115
HISPANICS 2/	43	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	14	--	--	--	--	--	--	--	--	--
STANDARD FEDERAL REGIONS:										
REGION I 2/	38	--	--	--	--	--	--	--	--	--
WHITES 2/	37	--	--	--	--	--	--	--	--	--
HISPANICS	1/ 0									
BLACKS AND OTHERS	1/ 0									
REGION II 2/	30	--	--	--	--	--	--	--	--	--
WHITES 2/	30	--	--	--	--	--	--	--	--	--
HISPANICS	1/ 0									
BLACKS AND OTHERS	1/ 0									
REGION III	62	26	8	23	22	6	1	11	5	2259
WHITES	53	31	10	21	15	8	1	12	2	1762
HISPANICS	1/ 0									
BLACKS AND OTHERS 2/	9	--	--	--	--	--	--	--	--	--
REGION IV	220	26	11	17	17	7	12	5	5	1979
WHITES	148	25	11	14	18	9	13	6	5	2291
HISPANICS 2/	7	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	65	27	14	23	17	3	11	4	5	1638
REGION V	164	58	4	14	6	2	3	9	13	498
WHITES	162	49	4	14	6	2	3	9	14	582
HISPANICS 2/	2	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS	1/ 0									
REGION VI	166	22	13	18	15	10	8	3	11	2374
WHITES	108	18	11	14	17	8	13	4	14	3019
HISPANICS 2/	35	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	22	--	--	--	--	--	--	--	--	--
REGION VII	161	30	12	14	11	6	6	8	11	1961
WHITES	156	30	12	14	11	6	6	9	11	1843
HISPANICS 2/	4	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	1	--	--	--	--	--	--	--	--	--
REGION VIII	92	23	14	22	10	7	8	3	13	1728
WHITES	84	21	15	22	13	7	8	4	13	1606
HISPANICS 2/	6	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	1	--	--	--	--	--	--	--	--	--
REGION IX	98	10	18	15	9	16	9	10	5	2365
WHITES 2/	47	--	--	--	--	--	--	--	--	--
HISPANICS 2/	34	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	9	--	--	--	--	--	--	--	--	--
REGION X	109	45	13	12	3	3	8	8	8	697
WHITES	103	43	13	12	3	3	8	8	9	742
HISPANICS 2/	1	--	--	--	--	--	--	--	--	--
BLACKS AND OTHERS 2/	4	--	--	--	--	--	--	--	--	--

1/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
2/ AVERAGES NOT SHOWN WHERE BASE IS LESS THAN 50,000.
3/ ESTIMATE WAS LESS THAN 500.

TABLE A-17. MIGRANT HIRED FARMWORKERS: NUMBER BY DISTANCE TRAVELED TO PERFORM FARMWORK AND SELECTED CHARACTERISTICS, 1977

(THOUSANDS)

SELECTED CHARACTERISTICS	NUMBER OF WORKERS	DISTANCE TRAVELED -- 1/				
		LESS THAN 75 MILES	75 TO 499 MILES	500 TO 999 MILES	1,000 OR MORE MILES	NOT REPORTED
ALL WORKERS	191	45	52	31	52	11
ETHNIC GROUPS:						
WHITES	118	32	41	16	17	8
HISPANICS	60	6	5	14	29	6
BLACKS AND OTHERS	21	8	6	3	6	0
PRIMARY EMPLOYMENT STATUS:						
FARMWORK	63	10	16	9	22	6
HIRED FARMWORK	53	4	16	6	22	6
WITHOUT NONFARM WORK	38	4	8	5	14	6
WITH NONFARM WORK	15	0	7	0	8	0
OTHER FARMWORK 2/	10	6	1	3	1	0
NONFARM WORK	30	9	12	5	5	1
UNEMPLOYMENT	8	6	0	0	2	0
NOT IN LABOR FORCE	90	20	23	19	23	4
KEEPING HOUSE	14	0	1	4	7	1
ATTENDING SCHOOL	59	14	19	9	14	3
OTHER	17	6	2	7	2	0
SEX AND AGE:						
MALES	152	45	46	24	31	6
14-17 YEARS	34	16	9	5	2	2
18-24 YEARS	50	13	14	9	12	2
25-34 YEARS	29	2	10	3	6	0
35-44 YEARS	14	4	3	2	5	0
45-54 YEARS	10	0	2	3	4	1
55 YEARS & OVER	17	10	1	3	2	1
FEMALES	38	0	5	7	21	5
14-17 YEARS	11	0	2	1	6	1
18-24 YEARS	16	0	2	2	7	0
25-34 YEARS	8	0	0	1	3	4
35-44 YEARS	1	0	0	1	0	0
45-54 YEARS	0	0	1	1	5	0
55 YEARS & OVER	3/ 0	0	0	0	0	0
HOUSEHOLD STATUS:						
HOUSEHOLD HEADS	78	15	31	14	17	3
OTHER HOUSEHOLD MEMBERS	113	30	22	17	35	9
DURATION OF FARMWORK:						
LESS THAN 25 DAYS	39	13	21	4	0	1
25-74 DAYS	73	14	9	19	28	3
75-149 DAYS	35	8	11	3	10	3
150-249 DAYS	21	8	1	3	6	3
250 DAYS AND OVER	23	2	9	3	7	1
EARNINGS:						
LESS THAN $500	26	9	5	10	2	1
$500-999	37	8	5	6	15	3
$1,000-2,499	31	7	7	5	11	1
$2,500-3,999	25	10	6	1	7	0
$4,000-5,499	21	3	8	3	6	1
$5,500-7,499	20	3	5	3	5	3
$7,500-9,999	14	0	6	3	5	1
$10,000 AND OVER	17	4	11	3	1	0
EARNINGS FROM FARMWORK:						
LESS THAN $500	54	15	19	14	2	4
$500-999	45	6	9	9	19	1
$1,000-2,499	37	10	8	4	14	2
$2,500-3,999	18	6	4	0	7	0
$4,000-5,499	11	4	4	0	3	0
$5,500-7,499	14	2	5	2	3	3
$7,500-9,999	6	0	0	1	3	1
$10,000 AND OVER	6	2	3	0	1	0
EARNINGS FROM NONFARM WORK:						
LESS THAN $500	118	30	22	21	38	5
$500-999	13	2	2	1	5	2
$1,000-2,499	24	8	9	3	5	0
$2,500-3,999	10	2	5	0	1	1
$4,000-5,499	9	1	2	4	2	0
$5,500-7,499	5	2	2	0	2	0
$7,500-9,999	3	0	1	1	0	0
$10,000 AND OVER	8	1	0	0	0	0
STANDARD FEDERAL REGIONS:						
REGION I	1	0	0	0	0	0
REGION II	3/ 0	0	0	0	0	0
REGION III	4	2	2	0	0	0
REGION IV	26	0	4	3	9	1
REGION V	18	6	3	2	5	2
REGION VI	70	7	17	15	31	0
REGION VII	14	3	6	0	2	2
REGION VIII	24	4	11	5	3	1
REGION IX	27	10	6	7	0	4
REGION X	6	4	2	0	0	0

1/ DISTANCE TRAVELED IS THE DISTANCE TRAVELED BY WORKERS FROM THE TIME THEY LEFT THEIR HOME-SITE UNTIL THE TIME THEY REACHED THE PLACE THAT WAS THE LONGEST DISTANCE AWAY FROM THEIR HOME. DISTANCE TRAVELED DOES NOT INCLUDE MILES TO RETURN TO HOME-SITE.
2/ INCLUDES OPERATING A FARM AND UNPAID FAMILY LABOR.
3/ ESTIMATE WAS LESS THAN 500.

APPENDIX B: SOURCE AND RELIABILITY OF ESTIMATES

Source of Data

The estimates in this report are based on data obtained in December 1977 from supplementary questions in the Current Population Survey (CPS) of the Bureau of the Census.

The CPS sample was initially selected from 1970 Census files and is updated periodically to reflect new home construction. This sample includes 616 areas comprising 1,113 counties and independent cities in each State and the District of Columbia. 10/ Information is collected by trained interviewers from approximately 54,000 U.S. households each month. 11/

The supplementary questions on the December survey were asked of persons 14 years of age or older who performed farmwork for wages or salary during 1977. Questions concerned the number of days of farmwork for wage or salary, migratory status, hired nonfarm work and wages, principal employment status in 1977, residence, and other matters. Not included were persons performing hired farmwork during 1977 but who died, entered the Armed Forces, or were no longer in the civilian noninstitutional population for other reasons. Also, foreign nationals who did hired farmwork in this country and returned to their homes before the field collection were not included.

The estimating procedure used for the CPS data involves the expansion of the sample results to independent estimates of the U.S. civilian noninstitutional population by age, race, and sex. These independent estimates are based on statistics from the 1970 Census of Population; statistics on births, deaths, immigration and emigration; and statistics on the number of people in the Armed Forces.

Reliability of the Estimates

Since the CPS estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained from a complete census even if it had been taken using the same schedules, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey--sampling and non-sampling. Sampling standard errors are provided for data in this report, but the extent of nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences among estimates.

Nonsampling Variablity

As in any survey work, results are subject to errors of response and nonreporting in addition to sampling variability. Nonsampling errors can be attributed to many sources (for instance, inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, respondents' inability or unwillingness to provide correct information, inability of respondents to recall information, mistakes made in recording or coding the data, mistakes made in processing data, mistakes made in estimating values for missing data, and failure to represent all units in the sample).

Sampling Variability

Since the size of most nonsampling errors is unknown, the reliability of an estimate is described only in terms of standard errors. These are primarily measures of sampling variability; that is, of the variations that might occur by chance because a sample, rather than the whole of the population, is surveyed. As calculated for this report, the standard error also partially measures the effect of certain response and enumeration errors, but it does not measure any systematic biases in the data. The chances are about 68 out of 100 that an estimate from the sample would differ from a complete census figure by less than the standard error. The chances are about 90 out of 100 that this difference would be less than 1.6 times the standard error, and the chances are about 95 out of 100 that the difference would be less than twice the standard error.

Comparability with Other Data

Data obtained from the CPS are not entirely comparable with data obtained

from other governmental sources. This is due in large part to differences in survey processes. Therefore, caution should be used when comparing data in this report with data from other sources.

Standard Error Tables and Their Use

The figures presented in appendix tables B-1 through B-5 provide approximations of standard errors of various estimates shown in this report for data on total, White, or Black and Other hired farmworkers. To obtain standard errors for workers of Hispanic origin, multiply the standard errors in appendix tables B-1 through B-5 by 1.6.

Standard errors for values not shown in the standard errors tables may be approximated by interpolation. To derive standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the tables of standard errors (along with the factor for persons of Hispanic origin) provide an indication of the size of the standard errors rather than the precise standard error for any specific item.

Standard Errors of Estimated Numbers

Appendix table B-1 shows standard errors, σ_x, for estimated numbers of hired farmworkers. Linear interpolation may be used to obtain standard errors for intermediate values not shown in the tables.

Appendix table B-1-- Standard errors for estimated numbers of hired farmworkers

(68 chances out of 100)

Size of estimate	Standard error
25,000	9,000
50,000	13,000
100,000	18,000
250,000	29,000
500,000	43,000
1,000,000	65,000
2,500,000	121,000
3,000,000	139,000

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Alternatively, standard errors can be calculated using the following formula (1) which was used to compute the tabular standard errors. Direct computation will give more accurate results than linear interpolation.

$$\sigma_x = c\sqrt{ax^2 + bx} \qquad (1)$$

Here x is the actual size of the estimate (not rounded to thousands): a is 0.001128; b is 3072.5806; and c is 1.0 for total, White, or Black and Other persons, and 1.6 for persons of Hispanic origin. Formula (1) is used to calculate standard errors for estimated numbers of hired farmworkers only.

Standard Errors of Estimated Percentages

Appendix table B-2 shows standard errors of estimated percentages of hired farmworkers. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends on both the size of the percentage and the size of the total on which the percentage was based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. Linear interpolation may be used to obtain standard errors for intermediate values of the percentages and the base of the percentage shown in appendix table B-2. Or standard errors, $\sigma(x,p)$ can be calculated using formula (2). Direct computation will give more accurate results than linear interpolation.

$$\sigma_{(x,p)} = c\sqrt{\frac{b}{x}p(100-p)} \qquad (2)$$

Here x is the actual size (not rounded to thousands) of the subclass of the population which is the base of the percentage; p is the percentage ($0 \leq p \leq 100$); b is 3072.5806; and c is 1.0 for total, White, or Black and Other persons and 1.6 for persons of Hispanic origin. Formula (2) is used to calculate standard errors for estimated percentages of hired farmworkers only.

Standard Errors of Estimated Averages

Averages are subject to large sampling variability since the sample esti-

Appendix table B-2 -- Standard errors of percentages of hired farmworkers

(68 chances out of 100)

Estimated percentage	Base of percentage in thousands							
	25	50	100	250	500	1,000	2,500	3,000
	Percent							
2 or 98	4.9	3.5	2.4	1.6	1.1	0.8	0.5	0.4
5 or 95	7.7	5.4	3.8	2.4	1.7	1.2	0.8	0.7
10 or 90	10.5	7.4	5.3	3.3	2.4	1.7	1.1	1.0
15 or 85	12.5	8.9	6.3	4.0	2.8	2.0	1.3	1.1
20 or 80	14.0	9.9	7.0	4.4	3.1	2.2	1.4	1.3
25 or 75	15.2	10.7	7.6	4.8	3.4	2.4	1.5	1.4
35 or 65	16.7	11.8	8.4	5.3	3.7	2.6	1.7	1.5
50	17.5	12.4	8.8	5.5	3.9	2.8	1.8	1.6

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

mates of an average are affected by extreme values. Appendix table B-3 shows standard errors of average number of days of hired farmwork. Appendix table B-4 shows standard errors of average annual earnings. Appendix table B-5 shows standard errors of average daily earnings. Linear interpolation may be used to obtain standard errors for intermediate values not shown.

Illustration of Use of Standard Error Tables

Table A-1 of this report shows 2,730,000 persons who performed hired farmwork in 1977. Interpolation of data in appendix table B-1 shows the standard error for an estimate of this size to be approximately 131,000. Thus, the chances are 68 out of 100 that the estimate would

Appendix table B-3 -- Standard errors of average number of days of hired farmwork

(68 chances out of 100)

Average number of days of hired farmwork per year per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	Number						
10	1.2	1.0	0.7	0.5	0.4	0.3	0.2
25	3.5	3.1	2.2	1.5	1.3	0.9	0.7
50	10.2	7.2	5.7	4.0	3.4	2.3	2.0
100	19.2	13.6	9.6	6.8	5.0	3.3	2.9
150	19.7	14.0	9.5	6.8	3.6	2.4	2.1
200	15.5	11.0	7.0	5.0	3.0	2.0	1.7
250	11.3	8.0	5.0	3.5	1.3	0.9	0.7
300	7.1	5.0	3.0	2.0	0.8	0.5	0.4

Note: Appendix table B-3 pertains to averages computed from distributions allowed to vary over the entire range of days worked. Standard errors for truncated distributions (e.g., workers with less than 25 days of hired farmwork) are somewhat smaller.

To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Appendix table B-4 -- Standard errors of average annual earnings from hired farmwork

(68 chances out of 100)

Average earnings from hired farmwork per year per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	Dollars						
$ 150	31	22	14	10	9	6	5
250	58	41	26	19	16	11	10
500	118	84	53	41	35	23	21
750	178	126	80	64	54	36	33
1,000	219	155	98	85	68	45	41
2,000	314	223	141	132	96	64	58
3,000	331	235	149	138	99	66	60
4,000	340	241	153	141	100	67	61
5,000	344	244	155	142	100	67	61
6,000	346	245	156	142	100	67	61

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

have been a figure differing from a complete census figure by less than 131,000. The chances are 95 out of 100 that the estimate would have differed from a complete census figure by less than 262,000 (twice the standard error).

Table A-1 also shows 39 percent of the farmworkers worked fewer than 25 days. Interpolation in appendix table B-2 indicates the standard error for 39 percent of a base of 2,730,000 would be approximately 1.6 percent. Consequently, chances are 68 out of 100 that the estimated 39 percent would have differed from a complete census figure by less than 1.6 percent; the chances are 95 out of 100 that the estimate would have differed from a complete census figure by less than 3.2 percentage. For example, the 95-percent confidence interval would be from 35.8 to 42.2 percent.

Appendix table B-5 -- Standard errors of average daily earnings from hired farmwork

(68 chances out of 100)

Average earnings from hired farmwork per day per worker	Base of average in thousands of hired farmworkers						
	50	100	250	500	1,000	2,500	3,000
	Dollars						
$ 5.00	.60	.42	.27	.19	.14	.09	.08
7.00	1.13	.81	.51	.36	.26	.17	.15
9.00	1.46	1.04	.66	.50	.35	.23	.20
11.00	1.52	1.08	.68	.53	.43	.28	.25
13.00	1.54	1.09	.69	.55	.47	.31	.27
15.00	1.57	1.11	.71	.56	.50	.33	.29
17.00	1.59	1.13	.73	.57	.52	.34	.30
19.00	1.61	1.15	.75	.59	.53	.35	.31
21.00	1.62	1.16	.76	.60	.54	.36	.31

Note: To obtain approximate standard errors for persons of Hispanic origin, multiply the above standard errors by 1.6.

Standard Error of a Difference

For a difference between two sample estimates, the standard error is approximately equal to the square root of the sum of the squared standard errors of the estimates. The estimate can be of numbers, percentages, averages, etc. This method will represent the actual standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error.

Illustration of the Computation of the Standard Error of a Difference

Appendix table A-1 shows that 14 percent of farmworkers worked 250 days and over. The apparent differences between the workers who worked less than 25 days (39 percent) and those who worked 250 days and over is 25 percentage points.

Appendix table B-2 shows, by interpolation, the standard error for 14 percent on a base of 2,730,000 to be approximately 1 percent (σ_x). The standard error for 39 percent is 1.6 percent (σ_y). To get the standard error of the estimated difference, formula (3) for the standard error of a difference is used as follows:

$$\sigma_{(x-y)} = \sqrt{\sigma_x^2 + \sigma_y^2}. \qquad (3)$$

Therefore, the standard error of the estimated difference is

$$1.89 = \sqrt{(1)^2+(1.6)^2}.$$

This means the chances are 68 out of 100 that the estimated difference based on the sample would vary by 1.89 percentage points from the difference derived using complete census figures. Since the standard error of the estimated difference (1.89 percentage points) is less than the difference between the two estimates (25 percentage points), it can be concluded with 68-percent confidence that the percentage of hired farmworkers who worked less than 25 days in 1977 is greater than the percentage of workers who worked 250 days and over in 1977.

APPENDIX C. DEFINITIONS AND EXPLANATIONS

Hired Farmworkers: Persons 14 years old and over in the civilian noninstitutional population of the United States at the time of the survey who did any farmwork for cash wages or salary at any time in the year, even if only for 1 day.

Farmwork for Cash Wages or Salary: 1. Work done on any farm for cash wages or salary in connection with the production, harvesting, threshing, preparation for market, or delivery to market of agricultural products; 2. Work done off the farm for a farmer by farmworkers, such as trips to buy feed, seeds, or fertilizer, or to handle other matters involved in running the farm business; 3. Repairs of farm buildings, machinery, etc., performed by a hired farmworker when done along with the type of work specified in (1) and (2) above; and 4. Managing a farm enterprise for cash salary.

Not included as farmwork for cash wages or salary are: 1. Work performed by farm operators on their own farms, or "exchange" work between farmers; 2. Work done exclusively for "pay in kind"; 3. Work done without pay on a family farm by a member of the farm operator's family (a small regular cash allowance is not considered as farm wages); 4. Nonfarm work performed on a farm, such as the building of a farm structure, drilling a well, hauling agricultural products to market by commercial truckers, or domestic service in the home of a farmer; and 5. Custom work, such as spraying, threshing, combining, etc., when a person is paid a combined rate for the use of equipment and labor.

Worker Classification: Casual workers--persons who worked less than 25 days at farmwork. Seasonal workers--per-

sons who worked 25-149 days. Regular workers--persons who worked 150-249 days. Year-round workers--persons who worked 250 days or more. (This report's use of the terms "seasonal" and "regular" differs from that in the Census of Agriculture, where "seasonal workers" refers to persons employed on one farm for less than 150 days during the year, and "regular workers" to those employed on one farm for 150 days or more during the year.

Days of Hired Farm or Nonfarm Work: Days on which any hired farm or nonfarm work was reported. The work may have been for all or only part of a day.

Earnings from Farm or Nonfarm Work: Total cash wages or salary received for farmwork or for nonfarm work. Estimates of earnings do not include the value of perquisites received in connection with farmwork nor the value of fringe benefits received in connection with nonfarm work.

Principal Employment Status: (termed "chief activity" in earlier reports): Information on the principal employment status of hired farmworkers during the year was derived from the question, "What was ... doing most of 1977 -- working, keeping house, going to school, or something else?" If the initial response was "working", the kind of work the person was doing most of the year was determined. Hired farmwork was recorded if most of a person's work was farmwork for cash wages or salary. Other Farmwork was recorded if most of a person's working time was spent operating a farm (as a tenant, owner, or share-cropper) or as a unpaid family farmworker. Nonfarm work was recorded if most of a person's working time was spent operating a nonfarm business in a profession, working without pay in a family nonfarm business, or working for pay (or pay in kind) in any nonfarm activity (such as manufacturing, trade, construction, domestic services, etc.). For the person who did not report "working" as the primary activity, information was obtained on what he or she was doing most of the year. Looking for work (unemployed) was reported for a person who spent most of the time without employment, but was actively looking for a job. Keeping house was reported for a person who spent most of the time doing his or her own housework. Going to school was reported for a person who spent most of the time during the year going to school. The category "other" was reported for a person who spent most of the time at some activity other than those named above.

Migratory Status: Migratory workers are those who 1. left their home temporarily overnight to do hired farmwork in a different county within the same State or in a different State with the expectation of eventually returning home, or 2. had no usual place of residence, and did hired farmwork in two or more counties during the year. Nonmigratory workers are those who 1. did all their hired farmwork for the year in the same county in which they lived, 2. made a permanent move from one county to another during the year (even if they did hired farmwork in both counties), or 3. commuted daily across the county or State line to work and returned home each night.

Distance Traveled: Determined by asking the respondent "What was the longest distance away from home that ...traveled while doing farmwork for cash wages?" Interviewers were instructed to record the mileage traveled by the workers from the time they left their home-site until the time they reached the place that was the longest distance away from their home. Distance traveled does not include miles to return to home-site.

Age: Based on the person's age at his or her last birthday.

Education Completed: Derived from the combination of answers to questions concerning the highest grade of school attended by the person and whether or not that grade was finished. Questions on educational attainment apply only to progress in "regular" schools. Such schools include graded public, private, and parochial elementary and high schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or a high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools was counted only if the credits obtained were regarded as transferable to a school in the regular school system.

Racial/ethnic Group: Refers to division of the population into three mutually exclusive groups--Whites, Hispanics, and Blacks and Others. "Ethnic origin" was determined for this report by asking respondents their origin or descent. The answer to this question may produce results somewhat different from

results based on inferred ethnic identification using such characteristics as country of birth of the person or his parents, language spoken in the home, or surname. Hispanic includes all those who identified themselves as Mexican American, Chicano, Mexican, Mexicano, Puerto Rican, Hispanic. White refers to White persons other than those of Hispanic origin. Black and Others includes Blacks and Other groups such as Indians, Chinese, Japanese, and others not of Hispanic origin. For simiplicity of presentation, those groups are termed Whites, Hispanics, and Blacks and Others.

Region: Hired farmworker data are presented in the report by two different regional aggregations of States: 1. the four Census regions and 2. the ten Standard Federal Regions.

States included in each of the four Census regions are as follows: Northeast--Maine, New Hampshire, Vermont, New York, Pennsylvania, and New Jersey; North Central--Ohio, Indiana, Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; South--Maryland Delaware, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas; and West--Montana, Wyoming, Idaho, Colorado, New Mexico, Utah, Arizona, Nevada, Washington, Oregon, California, Hawaii, and Alaska.

The States included in each of the ten Standard Federal Regions are as follows: Region I--Connecticut, Maine, Masschusetts, New Hampshire, Rhode Island, and Vermont; Region II-- New Jersey, and New York; Region III-- Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia; Region IV--Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee; Region V--Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin; Region VI--Arkansas, Louisiana, New Mexico, Oklahoma, and Texas; Region VII--Iowa, Kansas, Missouri, Nebraska; Region VIII--Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming; Region IX--Arizona, California, Hawaii, and Nevada; Region X--Alaska, Idaho, Oregan, and Washington.

Residence: Based on the classification of the place in which the worker lived at the time of the survey. In the CPS, hired farmworkers were classified as living on farms (farm residents) if they lived in a rural territory on places of 10 or more acres of land from which at least $50 worth of agricultural products were sold in the reporting year. Also, included as farm residents are persons who lived on places of less than 10 acres if as much as $250 worth of agricultural products were sold from the place in the reporting year. Nonfarm-resident workers lived in urban places, rural towns or villages, or in the open country on places that did not meet the criteria for farm classification.

GOVERNMENT PRINTING OFFICE : 1979 0-310-945/ESCS-178

FOOTNOTES

1/ A person completing at least 1 hour of farmwork during the day is credited with a manday of work.

2/ All dollar earnings reported exclude the value of perquisites or fringe benefits furnished by employers.

3/ See page 52 for more detail on regional definitions.

4/ The 1977 data for White and Black and Other farmworkers in this report, except for table 8, are not comparable to racial data published in the hired farm working force series prior to 1975. In the 1975, 1976, and 1977 annual reports, Whites, Hispanics, and Blacks and Others are mutually exclusive groups. In previous reports, workers were classified into only two groups--Whites and Blacks and Others. Had previous years' definitions been used in 1975, 1976, and 1977, the majority of Hispanic workers would have been classified in the White group, but some would have been classified in the Black and Other group. Even though the term "Spanish-origin" was used in the 1975 report instead of the currently used term, "Hispanic", the concepts were identical. For more detail on definition of racial/ethnic categories see appendix C.

5/ Primary employment status during the year was termed chief activity during the year in reports prior to 1976. This new terminology does not imply a change of definition or concept.

6/ Distance traveled included only the number of miles traveled from home to place of work and did not include travel to return home.

7/ "Primary employment status" was termed "chief activity" in reports prior to 1976. The terminology in the 1976 and 1977 reports does not imply a change of definition or concept.

8/ Banks, Vera J. and Diana DeAu. "Farm Population of the United States: 1977." Current Population Reports, Farm Population Series P-27, No. 51. U.S. Bur. of Census and U.S. Dept. of Agr., 1978.

9/ Comparable data for Hispanic farmworkers are not available for these periods.

10/ The survey does not include Puerto Rico or other territories or possessions of the United States.

11/ For a detailed explanation of the CPS sampling procedures, see U.S. Bureau of the Census, The Current Population Survey--A Report on Methodology. Paper 7, U.S. Government Printing Office.

OTHER RELATED HIRED FARMWORKER PUBLICATIONS

Food Stamp Participation of Hired Farmworker Families. AER No. 403. Economics, Statistics, and Cooperatives Service, U.S. Dept. of Agriculture. April 1978.

The Hired Farm Working Force of 1975. AER No. 355. Economic Research Service, U.S. Dept. of Agriculture. December 1976.

Households Eligible for a National Farmworker Program under the Comprehensive Employment and Training Act of 1973. AER No. 324. Economic Research Service, U.S. Dept. of Agriculture. February 1976.

Income of Farm Wageworker Households in 1971. AER No. 251. Economic Research Service, U.S. Dept. of Agriculture. March 1974.

Social and Economic Characteristics of Spanish-Origin Hired Farmworkers in 1973. AER No. 349. Economic Research Service, U.S. Dept. of Agriculture. September 1976.

The Hired Farm Working Force of 1976. AER No. 405. Economics, Statistics, and Cooperatives Service, U.S. Dept. of Agriculture. July 1978.